

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
 Data File : VY015682.D
 Acq On : 22 Sep 2023 13:32
 Operator : SY/MD
 Sample : VY0922SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0922SBS01

Quant Time: Sep 22 22:54:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/25/2023
 Supervised By :Semsettin Yesilyurt 09/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	134019	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	228200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	210747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	106726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	70920	48.095	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.180%		
35) Dibromofluoromethane	7.722	113	67883	49.700	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.400%		
50) Toluene-d8	10.179	98	218513	47.184	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.360%		
62) 4-Bromofluorobenzene	12.483	95	85694	47.152	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	18266	20.677	ug/l	96
3) Chloromethane	2.113	50	23313	20.918	ug/l	98
4) Vinyl Chloride	2.253	62	27064	21.239	ug/l	100
5) Bromomethane	2.637	94	22191	20.122	ug/l	98
6) Chloroethane	2.783	64	20847	22.072	ug/l	96
7) Trichlorofluoromethane	3.119	101	48035	22.478	ug/l	100
8) Diethyl Ether	3.533	74	20212	22.179	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.893	101	30410	22.727	ug/l	92
10) Methyl Iodide	4.088	142	25887	18.283	ug/l	98
11) Tert butyl alcohol	4.978	59	45602	130.788	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	24456	20.742	ug/l	88
13) Acrolein	3.728	56	18370	81.345	ug/l	98
14) Allyl chloride	4.478	41	46312	21.483	ug/l	94
15) Acrylonitrile	5.173	53	70677	105.720	ug/l	100
16) Acetone	3.960	43	83682	106.043	ug/l	92
17) Carbon Disulfide	4.192	76	43795	19.120	ug/l	97
18) Methyl Acetate	4.484	43	57792	21.827	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	105898	22.052	ug/l	98
20) Methylene Chloride	4.722	84	55308	30.074	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	29211	21.675	ug/l	98
22) Diisopropyl ether	6.124	45	117940	22.733	ug/l	93
23) Vinyl Acetate	6.063	43	338396	105.676	ug/l	96
24) 1,1-Dichloroethane	6.021	63	63531	22.467	ug/l	95
25) 2-Butanone	6.990	43	119428	107.071	ug/l	99
26) 2,2-Dichloropropane	6.984	77	53194	20.581	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	40595	22.690	ug/l	94
28) Bromochloromethane	7.338	49	14064	18.332	ug/l	96
29) Tetrahydrofuran	7.356	42	66097	104.843	ug/l	95
30) Chloroform	7.508	83	69456	22.936	ug/l	97
31) Cyclohexane	7.789	56	42693	20.900	ug/l	89
32) 1,1,1-Trichloroethane	7.703	97	56139	22.456	ug/l	99
36) 1,1-Dichloropropene	7.923	75	44094	21.834	ug/l	98
37) Ethyl Acetate	7.081	43	41387	20.546	ug/l	95
38) Carbon Tetrachloride	7.905	117	48859	22.288	ug/l	99
39) Methylcyclohexane	9.185	83	45446	20.346	ug/l	95
40) Benzene	8.161	78	135936	22.072	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
 Data File : VY015682.D
 Acq On : 22 Sep 2023 13:32
 Operator : SY/MD
 Sample : VY0922SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0922SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/25/2023
 Supervised By :Semsettin Yesilyurt 09/25/2023

Quant Time: Sep 22 22:54:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	20615m	19.006	ug/l	
42) 1,2-Dichloroethane	8.240	62	46930	22.250	ug/l	94
43) Isopropyl Acetate	8.276	43	73664	21.408	ug/l	99
44) Trichloroethene	8.941	130	38515	22.391	ug/l	98
45) 1,2-Dichloropropane	9.215	63	38909	22.655	ug/l	99
46) Dibromomethane	9.313	93	24211	22.038	ug/l	95
47) Bromodichloromethane	9.502	83	54139	22.109	ug/l	98
48) Methyl methacrylate	9.295	41	32073	21.235	ug/l	91
49) 1,4-Dioxane	9.307	88	8611	396.748	ug/l #	41
51) 4-Methyl-2-Pentanone	10.075	43	228664	107.215	ug/l	95
52) Toluene	10.246	92	88208	22.216	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	56309	21.443	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	62026	21.943	ug/l	90
55) 1,1,2-Trichloroethane	10.648	97	35126	21.818	ug/l	97
56) Ethyl methacrylate	10.514	69	50090	21.112	ug/l	90
57) 1,3-Dichloropropane	10.794	76	59596	22.073	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	78735	104.472	ug/l	96
59) 2-Hexanone	10.831	43	173998	106.337	ug/l	92
60) Dibromochloromethane	10.983	129	41694	22.185	ug/l	98
61) 1,2-Dibromoethane	11.087	107	34317	21.788	ug/l	98
64) Tetrachloroethene	10.721	164	42855	23.701	ug/l	95
65) Chlorobenzene	11.514	112	101365	22.035	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	40035	22.405	ug/l	98
67) Ethyl Benzene	11.593	91	176932	22.005	ug/l	99
68) m/p-Xylenes	11.703	106	134157	43.898	ug/l	97
69) o-Xylene	12.026	106	66615	22.229	ug/l	96
70) Styrene	12.044	104	114965	22.412	ug/l	97
71) Bromoform	12.209	173	28463	21.981	ug/l #	98
73) Isopropylbenzene	12.331	105	175595	21.932	ug/l	100
74) N-amyl acetate	12.142	43	63248	21.019	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	47558	21.343	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	37242m	21.873	ug/l	
77) Bromobenzene	12.605	156	42434	21.592	ug/l	93
78) n-propylbenzene	12.672	91	213190	21.918	ug/l	100
79) 2-Chlorotoluene	12.757	91	122544	22.103	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	147070	21.942	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	15428	20.405	ug/l	98
82) 4-Chlorotoluene	12.855	91	129182	22.319	ug/l	99
83) tert-Butylbenzene	13.074	119	131453	22.393	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	149256	22.256	ug/l	98
85) sec-Butylbenzene	13.251	105	196243	22.338	ug/l	99
86) p-Isopropyltoluene	13.367	119	162806	22.185	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	86388	22.157	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	87811	22.519	ug/l	99
89) n-Butylbenzene	13.696	91	152815	21.991	ug/l	98
90) Hexachloroethane	13.958	117	31144	21.990	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	80441	22.350	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9295	21.004	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	47341	20.894	ug/l	97
94) Hexachlorobutadiene	15.111	225	25492	21.970	ug/l	98
95) Naphthalene	15.232	128	120956	20.473	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	44105	21.090	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
Data File : VY015682.D
Acq On : 22 Sep 2023 13:32
Operator : SY/MD
Sample : VY0922SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0922SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/25/2023
Supervised By :Semsettin Yesilyurt 09/25/2023

Quant Time: Sep 22 22:54:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
 Data File : VY015682.D
 Acq On : 22 Sep 2023 13:32
 Operator : SY/MD
 Sample : VY0922SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0922SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/25/2023
 Supervised By :Semsettin Yesilyurt 09/25/2023

Quant Time: Sep 22 22:54:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

