

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015264.D
 Acq On : 22 Aug 2023 23:27
 Operator : SY/MD
 Sample : VY0822SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBS02

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/23/2023
 Supervised By :Mahesh Dadoda 08/23/2023

Quant Time: Aug 23 02:50:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	147894	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	254469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	233005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	103747	58.438	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.880%			
35) Dibromofluoromethane	7.721	113	91172	55.692	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.380%			
50) Toluene-d8	10.178	98	329394	54.051	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.100%			
62) 4-Bromofluorobenzene	12.483	95	115950	52.092	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.180%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.905	85	15204	21.099	ug/l	98
3) Chloromethane	2.113	50	19948	20.318	ug/l	97
4) Vinyl Chloride	2.247	62	23767	20.196	ug/l	99
5) Bromomethane	2.643	94	19128	21.103	ug/l	98
6) Chloroethane	2.789	64	18805	22.009	ug/l	98
7) Trichlorofluoromethane	3.119	101	41166	20.760	ug/l	95
8) Diethyl Ether	3.533	74	16943	21.786	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	25957	21.062	ug/l	95
10) Methyl Iodide	4.088	142	20419	16.873	ug/l	98
11) Tert butyl alcohol	4.972	59	26375	79.166	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	20912	20.321	ug/l	92
13) Acrolein	3.728	56	14893	99.007	ug/l	99
14) Allyl chloride	4.478	41	38046	20.852	ug/l	98
15) Acrylonitrile	5.167	53	59081	112.101	ug/l	98
16) Acetone	3.954	43	51721	89.179	ug/l	98
17) Carbon Disulfide	4.192	76	30850	17.034	ug/l	100
18) Methyl Acetate	4.484	43	48436	22.790	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	95422	21.807	ug/l	99
20) Methylene Chloride	4.716	84	45392	31.001	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	24511	21.115	ug/l	92
22) Diisopropyl ether	6.124	45	103632	22.762	ug/l	95
23) Vinyl Acetate	6.063	43	278758	102.612	ug/l	96
24) 1,1-Dichloroethane	6.021	63	55741	22.614	ug/l	98
25) 2-Butanone	6.990	43	82259	100.172	ug/l	100
26) 2,2-Dichloropropane	6.984	77	43016	18.103	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	34298	21.630	ug/l	95
28) Bromochloromethane	7.337	49	28461	25.133	ug/l	95
29) Tetrahydrofuran	7.350	42	52627	107.179	ug/l	94
30) Chloroform	7.508	83	62712	22.696	ug/l	99
31) Cyclohexane	7.789	56	33617	19.649	ug/l #	89
32) 1,1,1-Trichloroethane	7.703	97	51143	21.751	ug/l	99
36) 1,1-Dichloropropene	7.917	75	35396	19.543	ug/l	98
37) Ethyl Acetate	7.081	43	34592	20.490	ug/l	96
38) Carbon Tetrachloride	7.904	117	41405	19.317	ug/l	98
39) Methylcyclohexane	9.185	83	37105	18.275	ug/l	96
40) Benzene	8.160	78	115371	21.070	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015264.D
 Acq On : 22 Aug 2023 23:27
 Operator : SY/MD
 Sample : VY0822SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBS02

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/23/2023
 Supervised By :Mahesh Dadoda 08/23/2023

Quant Time: Aug 23 02:50:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	17786	20.431	ug/l #	89
42) 1,2-Dichloroethane	8.240	62	42743	21.494	ug/l	93
43) Isopropyl Acetate	8.276	43	61946	20.150	ug/l	98
44) Trichloroethene	8.941	130	32615	20.675	ug/l	100
45) 1,2-Dichloropropane	9.221	63	33134	21.459	ug/l	94
46) Dibromomethane	9.307	93	20632	21.186	ug/l	96
47) Bromodichloromethane	9.502	83	49199	21.171	ug/l	97
48) Methyl methacrylate	9.294	41	28174	21.423	ug/l	96
49) 1,4-Dioxane	9.307	88	7664	393.556	ug/l #	58
51) 4-Methyl-2-Pentanone	10.069	43	192548	108.067	ug/l	96
52) Toluene	10.245	92	74582	20.665	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	46792	19.159	ug/l	100
54) cis-1,3-Dichloropropene	9.928	75	51664	20.087	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	31541	21.301	ug/l	94
56) Ethyl methacrylate	10.514	69	43118	19.897	ug/l	93
57) 1,3-Dichloropropane	10.794	76	50901	21.040	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	108066	107.154	ug/l	95
59) 2-Hexanone	10.837	43	135670	102.883	ug/l	94
60) Dibromochloromethane	10.983	129	36659	20.754	ug/l	99
61) 1,2-Dibromoethane	11.087	107	29091	20.681	ug/l	97
64) Tetrachloroethene	10.721	164	36380	22.411	ug/l	93
65) Chlorobenzene	11.520	112	88062	20.743	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	35190	20.429	ug/l	98
67) Ethyl Benzene	11.593	91	150921	20.290	ug/l	99
68) m/p-Xylenes	11.702	106	114645	40.581	ug/l	94
69) o-Xylene	12.032	106	56878	20.210	ug/l	97
70) Styrene	12.044	104	99154	20.356	ug/l	97
71) Bromoform	12.208	173	23898	19.138	ug/l #	99
73) Isopropylbenzene	12.330	105	151436	20.382	ug/l	100
74) N-amyl acetate	12.148	43	53326	19.878	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.580	83	40544	20.952	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	32167m	22.914	ug/l	
77) Bromobenzene	12.611	156	37855	20.902	ug/l	98
78) n-propylbenzene	12.672	91	180830	20.495	ug/l	99
79) 2-Chlorotoluene	12.757	91	104664	20.563	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	124709	20.136	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	10624	16.623	ug/l	91
82) 4-Chlorotoluene	12.855	91	108773	20.685	ug/l	99
83) tert-Butylbenzene	13.074	119	113520	20.039	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	126417	20.427	ug/l	98
85) sec-Butylbenzene	13.251	105	166893	20.107	ug/l	100
86) p-Isopropyltoluene	13.367	119	139253	20.235	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	75508	21.020	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	75438	20.938	ug/l	98
89) n-Butylbenzene	13.696	91	128606	19.820	ug/l	98
90) Hexachloroethane	13.958	117	25860	18.942	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	70946	21.141	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7365	19.647	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	43019	19.968	ug/l	99
94) Hexachlorobutadiene	15.110	225	23698	20.222	ug/l	98
95) Naphthalene	15.238	128	109191	20.346	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	40839	20.990	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
Data File : VY015264.D
Acq On : 22 Aug 2023 23:27
Operator : SY/MD
Sample : VY0822SBSD02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBSD02

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 08/23/2023
Supervised By :Mahesh Dadoda 08/23/2023

Quant Time: Aug 23 02:50:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

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

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

