

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016868.D
 Acq On : 27 Dec 2023 11:00
 Operator : SY/MD
 Sample : VY1227SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

Quant Time: Dec 28 03:43:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	146130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	247588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	213492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	91884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	68787	51.564	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.120%			
35) Dibromofluoromethane	7.728	113	73120	51.557	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.120%			
50) Toluene-d8	10.185	98	262556	51.354	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.700%			
62) 4-Bromofluorobenzene	12.489	95	82820	49.931	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	23548	18.856	ug/l	92
3) Chloromethane	2.119	50	34815	18.137	ug/l	98
4) Vinyl Chloride	2.253	62	40943	18.883	ug/l	99
5) Bromomethane	2.650	94	29591	19.162	ug/l	96
6) Chloroethane	2.796	64	27835	18.946	ug/l	99
7) Trichlorofluoromethane	3.131	101	48847	19.339	ug/l	99
8) Diethyl Ether	3.540	74	15303	18.939	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	30010	19.369	ug/l	99
10) Methyl Iodide	4.107	142	25464	15.772	ug/l	100
11) Tert butyl alcohol	4.966	59	11686	106.841	ug/l	100
12) 1,1-Dichloroethene	3.875	96	25856	18.742	ug/l	98
13) Acrolein	3.735	56	10658	126.293	ug/l	94
14) Allyl chloride	4.485	41	40749	19.285	ug/l	98
15) Acrylonitrile	5.173	53	35793	104.604	ug/l	99
16) Acetone	3.954	43	46255	128.225	ug/l	100
17) Carbon Disulfide	4.204	76	61432	16.366	ug/l	99
18) Methyl Acetate	4.485	43	27461	19.480	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	68488	19.294	ug/l	99
20) Methylene Chloride	4.722	84	35519	16.941	ug/l	94
21) trans-1,2-Dichloroethene	5.234	96	29419	18.698	ug/l	96
22) Diisopropyl ether	6.131	45	99308	20.774	ug/l	97
23) Vinyl Acetate	6.076	43	235234	104.043	ug/l	99
24) 1,1-Dichloroethane	6.027	63	58044	20.213	ug/l	98
25) 2-Butanone	6.996	43	57297	115.364	ug/l	99
26) 2,2-Dichloropropane	6.996	77	48927	19.524	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	35021	19.340	ug/l	98
28) Bromochloromethane	7.344	49	24765	21.789	ug/l	99
29) Tetrahydrofuran	7.356	42	28508	104.973	ug/l	96
30) Chloroform	7.521	83	61122	20.792	ug/l	96
31) Cyclohexane	7.795	56	44562	17.435	ug/l #	92
32) 1,1,1-Trichloroethane	7.710	97	50319	19.500	ug/l	99
36) 1,1-Dichloropropene	7.929	75	41983	18.465	ug/l	100
37) Ethyl Acetate	7.082	43	20501	21.036	ug/l	100
38) Carbon Tetrachloride	7.911	117	43143	19.176	ug/l	99
39) Methylcyclohexane	9.191	83	46297	17.636	ug/l	98
40) Benzene	8.173	78	129749	19.610	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016868.D
 Acq On : 27 Dec 2023 11:00
 Operator : SY/MD
 Sample : VY1227SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

Quant Time: Dec 28 03:43:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	10724m	20.726	ug/l	
42) 1,2-Dichloroethane	8.246	62	34964	20.255	ug/l	99
43) Isopropyl Acetate	8.283	43	38771	20.484	ug/l	99
44) Trichloroethene	8.947	130	32362	19.163	ug/l	95
45) 1,2-Dichloropropane	9.222	63	33366	20.103	ug/l	99
46) Dibromomethane	9.313	93	17289	20.164	ug/l	97
47) Bromodichloromethane	9.502	83	45828	20.279	ug/l	93
48) Methyl methacrylate	9.301	41	20254	19.254	ug/l	97
49) 1,4-Dioxane	9.307	88	3666	440.520	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	104173	103.295	ug/l	98
52) Toluene	10.252	92	78766	19.865	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	40640	19.722	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	49668	19.983	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	25404	20.766	ug/l	97
56) Ethyl methacrylate	10.514	69	20525	19.080	ug/l	96
57) 1,3-Dichloropropane	10.794	76	42811	20.603	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	61651	106.537	ug/l	99
59) 2-Hexanone	10.837	43	79105	105.194	ug/l	98
60) Dibromochloromethane	10.990	129	29053	20.530	ug/l	99
61) 1,2-Dibromoethane	11.093	107	22093	20.138	ug/l	100
64) Tetrachloroethene	10.727	164	24589	18.541	ug/l	98
65) Chlorobenzene	11.520	112	83589	19.928	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	31005	19.646	ug/l	97
67) Ethyl Benzene	11.599	91	146918	19.030	ug/l	98
68) m/p-Xylenes	11.709	106	108862	38.185	ug/l	99
69) o-Xylene	12.038	106	50694	19.382	ug/l	100
70) Styrene	12.050	104	75624	19.540	ug/l	100
71) Bromoform	12.215	173	15466	19.657	ug/l #	99
73) Isopropylbenzene	12.337	105	138376	19.337	ug/l	99
74) N-amyl acetate	12.148	43	29816	19.853	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	28395	19.856	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	20639m	20.319	ug/l	
77) Bromobenzene	12.617	156	30312	19.416	ug/l	97
78) n-propylbenzene	12.678	91	169233	19.519	ug/l	100
79) 2-Chlorotoluene	12.764	91	94596	19.717	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	111277	19.644	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	8022	18.547	ug/l	95
82) 4-Chlorotoluene	12.861	91	98381	19.989	ug/l	100
83) tert-Butylbenzene	13.081	119	96034	19.490	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	109013	19.516	ug/l	98
85) sec-Butylbenzene	13.257	105	143579	19.673	ug/l	99
86) p-Isopropyltoluene	13.373	119	115626	19.024	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	58876	19.298	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	58599	19.670	ug/l	99
89) n-Butylbenzene	13.702	91	111678	19.222	ug/l	99
90) Hexachloroethane	13.965	117	25072	19.811	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	51464	19.801	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3468	18.709	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	25224	18.290	ug/l	98
94) Hexachlorobutadiene	15.117	225	15079	19.250	ug/l	99
95) Naphthalene	15.245	128	44183	17.406	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	21169	18.023	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
Data File : VY016868.D
Acq On : 27 Dec 2023 11:00
Operator : SY/MD
Sample : VY1227SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBSD01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024

Quant Time: Dec 28 03:43:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration

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

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

