

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018592.D
 Acq On : 14 Jun 2024 14:06
 Operator : SY/MD
 Sample : VY0614SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0614SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/17/2024
 Supervised By :Semsettin Yesilyurt 06/17/2024

Quant Time: Jun 14 23:22:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.777	168	127332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	218975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	192279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	71748	55.967	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.940%			
35) Dibromofluoromethane	7.704	113	67657	50.650	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.300%			
50) Toluene-d8	10.173	98	275388	53.609	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.220%			
62) 4-Bromofluorobenzene	12.477	95	80979	49.922	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	18358	21.890	ug/l	98
3) Chloromethane	2.101	50	38352	22.204	ug/l	92
4) Vinyl Chloride	2.241	62	50804	23.751	ug/l	97
5) Bromomethane	2.631	94	35084	22.067	ug/l	99
6) Chloroethane	2.778	64	32110	22.916	ug/l	91
7) Trichlorofluoromethane	3.107	101	54991	23.874	ug/l	92
8) Diethyl Ether	3.515	74	14760	22.474	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.875	101	29554	24.556	ug/l	96
10) Methyl Iodide	4.076	142	26349	18.550	ug/l	97
11) Tert butyl alcohol	4.942	59	19903m	86.312	ug/l	
12) 1,1-Dichloroethene	3.851	96	26256	21.709	ug/l	91
13) Acrolein	3.723	56	6820	91.995	ug/l	91
14) Allyl chloride	4.460	41	35052	21.497	ug/l	94
15) Acrylonitrile	5.143	53	33703	115.353	ug/l	98
16) Acetone	3.930	43	26145	100.242	ug/l	88
17) Carbon Disulfide	4.174	76	61163	18.153	ug/l	99
18) Methyl Acetate	4.466	43	14513	21.938	ug/l	97
19) Methyl tert-butyl Ether	5.204	73	71960	22.304	ug/l	96
20) Methylene Chloride	4.692	84	47924	25.408	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	29822	21.660	ug/l	99
22) Diisopropyl ether	6.100	45	87543	23.782	ug/l	94
23) Vinyl Acetate	6.045	43	265481	88.616	ug/l	97
24) 1,1-Dichloroethane	6.003	63	54489	22.977	ug/l	96
25) 2-Butanone	6.972	43	45168	115.532	ug/l	96
26) 2,2-Dichloropropane	6.966	77	44021	22.033	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	36971	22.231	ug/l	96
28) Bromochloromethane	7.320	49	21374	21.990	ug/l	93
29) Tetrahydrofuran	7.338	42	27058	112.778	ug/l	95
30) Chloroform	7.496	83	58672	22.702	ug/l	100
31) Cyclohexane	7.777	56	43810	22.310	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	50901	23.183	ug/l	98
36) 1,1-Dichloropropene	7.905	75	40963	22.279	ug/l	97
37) Ethyl Acetate	7.057	43	19204	22.156	ug/l	98
38) Carbon Tetrachloride	7.887	117	42785	22.180	ug/l	97
39) Methylcyclohexane	9.179	83	51513	22.865	ug/l	98
40) Benzene	8.149	78	129221	22.725	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	8057	18.482	ug/l #	91
42) 1,2-Dichloroethane	8.228	62	33289	22.439	ug/l	97
43) Isopropyl Acetate	8.265	43	36612	22.631	ug/l	95
44) Trichloroethene	8.935	130	33137	22.258	ug/l	100
45) 1,2-Dichloropropane	9.210	63	29656	22.808	ug/l	97
46) Dibromomethane	9.301	93	17774	22.031	ug/l	97
47) Bromodichloromethane	9.490	83	42642	22.145	ug/l	96
48) Methyl methacrylate	9.289	41	16447	22.583	ug/l	92
49) 1,4-Dioxane	9.283	88	4848	456.901	ug/l #	99
51) 4-Methyl-2-Pentanone	10.063	43	98741	115.875	ug/l	96
52) Toluene	10.240	92	81364	22.286	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	36410	21.637	ug/l	93
54) cis-1,3-Dichloropropene	9.923	75	44936	22.128	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	24315	22.659	ug/l	96
56) Ethyl methacrylate	10.508	69	31810	22.653	ug/l	92
57) 1,3-Dichloropropane	10.782	76	39849	22.355	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	74689	110.179	ug/l	99
59) 2-Hexanone	10.825	43	68824	115.304	ug/l	95
60) Dibromochloromethane	10.977	129	28812	21.614	ug/l	98
61) 1,2-Dibromoethane	11.081	107	21332	21.510	ug/l	98
64) Tetrachloroethene	10.715	164	31350	22.860	ug/l	96
65) Chlorobenzene	11.514	112	88450	22.268	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	29476	22.144	ug/l	98
67) Ethyl Benzene	11.587	91	153635	22.292	ug/l	96
68) m/p-Xylenes	11.697	106	120293	44.855	ug/l	99
69) o-Xylene	12.026	106	56707	21.989	ug/l	99
70) Styrene	12.038	104	96834	22.729	ug/l	100
71) Bromoform	12.203	173	14972	20.499	ug/l #	98
73) Isopropylbenzene	12.325	105	148505	22.514	ug/l	99
74) N-amyl acetate	12.142	43	31863	23.590	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.575	83	28010	23.915	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	21403m	25.259	ug/l	
77) Bromobenzene	12.605	156	34614	22.691	ug/l	100
78) n-propylbenzene	12.666	91	184643	23.919	ug/l	100
79) 2-Chlorotoluene	12.752	91	98734	22.658	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	120706	23.089	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	7019	21.698	ug/l #	82
82) 4-Chlorotoluene	12.849	91	99966	22.781	ug/l	97
83) tert-Butylbenzene	13.069	119	114809	23.729	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	120911	23.140	ug/l	98
85) sec-Butylbenzene	13.251	105	166886	24.184	ug/l	99
86) p-Isopropyltoluene	13.367	119	134534	22.996	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	69618	22.627	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	68752	22.771	ug/l	97
89) n-Butylbenzene	13.690	91	125798	23.856	ug/l	99
90) Hexachloroethane	13.959	117	24064	22.643	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	60704	23.096	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	3656	21.557	ug/l	88
93) 1,2,4-Trichlorobenzene	15.001	180	30191	20.618	ug/l	99
94) Hexachlorobutadiene	15.105	225	16938	22.512	ug/l	99
95) Naphthalene	15.233	128	55382	20.239	ug/l	99
96) 1,2,3-Trichlorobenzene	15.416	180	25878	20.916	ug/l	98

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

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