

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042224\
 Data File : VY018010.D
 Acq On : 22 Apr 2024 14:51
 Operator : SY/MD
 Sample : VY0422SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0422SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/23/2024
 Supervised By :Semsettin Yesilyurt 04/23/2024

Quant Time: Apr 23 01:42:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	369953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	571800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	499012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	230736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	160510	50.136	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.280%			
35) Dibromofluoromethane	7.716	113	184898	52.414	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.820%			
50) Toluene-d8	10.179	98	727995	54.386	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.780%			
62) 4-Bromofluorobenzene	12.483	95	216505	52.225	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	68729	23.418	ug/l	98
3) Chloromethane	2.113	50	101035	20.776	ug/l	99
4) Vinyl Chloride	2.247	62	116761	21.301	ug/l	99
5) Bromomethane	2.644	94	79155	21.696	ug/l	99
6) Chloroethane	2.790	64	74340	21.482	ug/l	99
7) Trichlorofluoromethane	3.125	101	138816	22.471	ug/l	95
8) Diethyl Ether	3.528	74	40239	20.614	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	88573	23.024	ug/l	98
10) Methyl Iodide	4.088	142	110536	21.598	ug/l	99
11) Tert butyl alcohol	4.948	59	25650	103.386	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	84727	22.688	ug/l	98
13) Acrolein	3.723	56	36513	146.442	ug/l	99
14) Allyl chloride	4.479	41	110716	22.909	ug/l	93
15) Acrylonitrile	5.155	53	83072	104.812	ug/l	99
16) Acetone	3.942	43	58540	92.542	ug/l	93
17) Carbon Disulfide	4.192	76	248110	20.884	ug/l	98
18) Methyl Acetate	4.479	43	33887	20.363	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	164156	20.169	ug/l	97
20) Methylene Chloride	4.710	84	101756	23.744	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	89060	21.770	ug/l	93
22) Diisopropyl ether	6.119	45	243427	22.976	ug/l	98
23) Vinyl Acetate	6.058	43	669172	106.510	ug/l	96
24) 1,1-Dichloroethane	6.015	63	157096	22.710	ug/l	98
25) 2-Butanone	6.984	43	94134	101.241	ug/l	93
26) 2,2-Dichloropropane	6.978	77	129843	23.396	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	100829	21.580	ug/l	94
28) Bromochloromethane	7.332	49	61343	22.543	ug/l	92
29) Tetrahydrofuran	7.344	42	59717	101.207	ug/l	91
30) Chloroform	7.502	83	156046	22.072	ug/l	98
31) Cyclohexane	7.783	56	136240	22.264	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	132193	22.449	ug/l	98
36) 1,1-Dichloropropene	7.917	75	115693	22.551	ug/l	98
37) Ethyl Acetate	7.070	43	45885	21.739	ug/l	97
38) Carbon Tetrachloride	7.899	117	116647	22.505	ug/l	100
39) Methylcyclohexane	9.185	83	141921	21.228	ug/l	94
40) Benzene	8.161	78	360573	22.438	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	30071m	22.578	ug/l	
42) 1,2-Dichloroethane	8.234	62	78780	21.396	ug/l	99
43) Isopropyl Acetate	8.271	43	78706	20.004	ug/l	98
44) Trichloroethene	8.941	130	88652	21.710	ug/l	98
45) 1,2-Dichloropropane	9.216	63	83848	22.667	ug/l	99
46) Dibromomethane	9.307	93	42917	20.975	ug/l	99
47) Bromodichloromethane	9.496	83	111269	21.675	ug/l	97
48) Methyl methacrylate	9.295	41	36576	20.287	ug/l	94
49) 1,4-Dioxane	9.301	88	8998	385.212	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	213955	102.578	ug/l	96
52) Toluene	10.246	92	220347	22.346	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	97879	20.886	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	124560	21.636	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	58155	20.908	ug/l	95
56) Ethyl methacrylate	10.514	69	70837	19.535	ug/l	96
57) 1,3-Dichloropropane	10.788	76	99216	21.066	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	179518	95.241	ug/l	97
59) 2-Hexanone	10.831	43	145465	102.166	ug/l	95
60) Dibromochloromethane	10.983	129	73609	20.591	ug/l	98
61) 1,2-Dibromoethane	11.087	107	52256	20.159	ug/l	98
64) Tetrachloroethene	10.721	164	78020	21.826	ug/l	96
65) Chlorobenzene	11.520	112	238442	21.802	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	78449	21.753	ug/l	98
67) Ethyl Benzene	11.593	91	408122	22.163	ug/l	99
68) m/p-Xylenes	11.703	106	314604	44.481	ug/l	98
69) o-Xylene	12.032	106	143812	21.773	ug/l	99
70) Styrene	12.044	104	245270	21.971	ug/l	100
71) Bromoform	12.209	173	40857	19.609	ug/l #	97
73) Isopropylbenzene	12.331	105	383706	22.822	ug/l	99
74) N-amyl acetate	12.148	43	71442	21.050	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	65120	20.768	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	40340m	18.631	ug/l	
77) Bromobenzene	12.611	156	88391	21.725	ug/l	100
78) n-propylbenzene	12.672	91	474593	23.265	ug/l	100
79) 2-Chlorotoluene	12.758	91	260342	22.801	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	303407	22.759	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	21603	20.572	ug/l	99
82) 4-Chlorotoluene	12.855	91	263063	22.246	ug/l	99
83) tert-Butylbenzene	13.075	119	271872	22.328	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	301686	22.724	ug/l	99
85) sec-Butylbenzene	13.257	105	419217	22.922	ug/l	100
86) p-Isopropyltoluene	13.373	119	344103	22.897	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	173630	21.508	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	173969	21.953	ug/l	98
89) n-Butylbenzene	13.696	91	324590	22.958	ug/l	98
90) Hexachloroethane	13.965	117	69828	22.660	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	151168	21.705	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7624	18.902	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	80883	19.943	ug/l	100
94) Hexachlorobutadiene	15.117	225	52329	21.749	ug/l	99
95) Naphthalene	15.239	128	121457	18.173	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	68271	20.061	ug/l	99

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

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