

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051624\
 Data File : VY018297.D
 Acq On : 16 May 2024 19:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024
 Supervised By :Mahesh Dadoda 05/17/2024

Quant Time: May 17 01:20:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	165552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	294054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	258405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	74126	60.863	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.720%			
35) Dibromofluoromethane	7.709	113	80577	52.140	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.280%			
50) Toluene-d8	10.178	98	305756	50.208	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.420%			
62) 4-Bromofluorobenzene	12.483	95	98851	50.264	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	61039	46.492	ug/l	97
3) Chloromethane	2.107	50	96963	55.172	ug/l	99
4) Vinyl Chloride	2.247	62	114152	53.581	ug/l	99
5) Bromomethane	2.643	94	78198	52.852	ug/l	100
6) Chloroethane	2.789	64	75585	55.903	ug/l	96
7) Trichlorofluoromethane	3.119	101	122657	49.152	ug/l	98
8) Diethyl Ether	3.527	74	45725	55.660	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.887	101	77267	48.584	ug/l	96
10) Methyl Iodide	4.082	142	88787	47.808	ug/l	98
11) Tert butyl alcohol	4.935	59	38462	364.742	ug/l #	83
12) 1,1-Dichloroethene	3.862	96	79556	49.690	ug/l	94
13) Acrolein	3.722	56	34978	294.706	ug/l	98
14) Allyl chloride	4.472	41	118134	58.001	ug/l	96
15) Acrylonitrile	5.155	53	105888	335.177	ug/l	99
16) Acetone	3.936	43	72978	300.263	ug/l	90
17) Carbon Disulfide	4.186	76	220620	50.617	ug/l	100
18) Methyl Acetate	4.460	43	45501	65.721	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	215672	60.473	ug/l	100
20) Methylene Chloride	4.704	84	98587	57.388	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	88491	52.142	ug/l	99
22) Diisopropyl ether	6.106	45	240865	55.747	ug/l	96
23) Vinyl Acetate	6.051	43	798561	304.090	ug/l	96
24) 1,1-Dichloroethane	6.008	63	154044	57.886	ug/l	98
25) 2-Butanone	6.978	43	123040	316.698	ug/l	93
26) 2,2-Dichloropropane	6.972	77	121137	50.295	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	107536	53.617	ug/l	100
28) Bromochloromethane	7.331	49	58556	55.052	ug/l	98
29) Tetrahydrofuran	7.343	42	80957	315.682	ug/l	93
30) Chloroform	7.502	83	152755	54.985	ug/l	97
31) Cyclohexane	7.782	56	122509	51.784	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	129972	52.197	ug/l	98
36) 1,1-Dichloropropene	7.910	75	107431	48.492	ug/l	99
37) Ethyl Acetate	7.063	43	57043	61.176	ug/l #	96
38) Carbon Tetrachloride	7.892	117	111908	46.229	ug/l	97
39) Methylcyclohexane	9.179	83	141640	44.317	ug/l	97
40) Benzene	8.154	78	352299	49.437	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	28494	52.919	ug/l	95
42) 1,2-Dichloroethane	8.234	62	85657	55.245	ug/l	99
43) Isopropyl Acetate	8.270	43	109222	57.146	ug/l	93
44) Trichloroethene	8.935	130	90820	46.816	ug/l	99
45) 1,2-Dichloropropane	9.215	63	80612	51.742	ug/l	99
46) Dibromomethane	9.300	93	46860	52.320	ug/l	97
47) Bromodichloromethane	9.496	83	112969	51.021	ug/l	98
48) Methyl methacrylate	9.288	41	48625	55.510	ug/l	90
49) 1,4-Dioxane	9.294	88	12058	1014.253	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	281536	293.077	ug/l	93
52) Toluene	10.239	92	224156	48.860	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	104739	50.643	ug/l	96
54) cis-1,3-Dichloropropene	9.928	75	126864	50.182	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	64177	52.161	ug/l	97
56) Ethyl methacrylate	10.508	69	87903	52.605	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	107168	53.519	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	219689	275.330	ug/l	98
59) 2-Hexanone	10.831	43	187330	278.901	ug/l	95
60) Dibromochloromethane	10.983	129	80322	50.318	ug/l	98
61) 1,2-Dibromoethane	11.087	107	60198	51.945	ug/l	99
64) Tetrachloroethene	10.721	164	81481	47.359	ug/l	98
65) Chlorobenzene	11.513	112	245831	46.710	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	81545	47.901	ug/l	98
67) Ethyl Benzene	11.593	91	416722	46.896	ug/l	97
68) m/p-Xylenes	11.702	106	328371	93.446	ug/l	97
69) o-Xylene	12.026	106	155454	46.098	ug/l	98
70) Styrene	12.044	104	266997	47.410	ug/l	98
71) Bromoform	12.202	173	46196	49.045	ug/l #	96
73) Isopropylbenzene	12.330	105	397705	45.922	ug/l	99
74) N-amyl acetate	12.141	43	94836	52.752	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.580	83	69282	50.149	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	48694m	52.666	ug/l	
77) Bromobenzene	12.611	156	92309	46.397	ug/l	98
78) n-propylbenzene	12.672	91	468250	46.484	ug/l	98
79) 2-Chlorotoluene	12.757	91	260934	46.615	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	315647	46.222	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	23177	48.297	ug/l	99
82) 4-Chlorotoluene	12.855	91	261522	46.512	ug/l	96
83) tert-Butylbenzene	13.074	119	290423	46.107	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	311405	46.552	ug/l	99
85) sec-Butylbenzene	13.251	105	423387	45.824	ug/l	98
86) p-Isopropyltoluene	13.367	119	347358	45.700	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	180357	46.940	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	177209	47.310	ug/l	99
89) n-Butylbenzene	13.696	91	314280	45.687	ug/l	98
90) Hexachloroethane	13.958	117	66912	44.872	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	158785	48.080	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.354	75	10061	53.484	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	88063	47.432	ug/l	98
94) Hexachlorobutadiene	15.110	225	45757	44.668	ug/l	98
95) Naphthalene	15.232	128	180435	53.037	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	74079	48.620	ug/l	98

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

