

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
 Data File : VY018026.D
 Acq On : 23 Apr 2024 16:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/24/2024
 Supervised By :Semsettin Yesilyurt 04/24/2024

Quant Time: Apr 24 01:15:27 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	337348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	540483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	467701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	214355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	154567	52.946	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.900%			
35) Dibromofluoromethane	7.716	113	180916	54.257	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.520%			
50) Toluene-d8	10.179	98	718645	56.798	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.600%			
62) 4-Bromofluorobenzene	12.483	95	207479	52.948	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	119276	44.568	ug/l	100
3) Chloromethane	2.113	50	188571	42.524	ug/l	98
4) Vinyl Chloride	2.247	62	214190	42.853	ug/l	98
5) Bromomethane	2.650	94	158056	47.509	ug/l	96
6) Chloroethane	2.796	64	142396	45.126	ug/l	95
7) Trichlorofluoromethane	3.125	101	264875	47.022	ug/l	94
8) Diethyl Ether	3.527	74	85515	48.042	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	165072	47.057	ug/l	97
10) Methyl Iodide	4.088	142	235168	50.391	ug/l	99
11) Tert butyl alcohol	4.948	59	41634	196.221	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	168635	49.520	ug/l	97
13) Acrolein	3.729	56	63202	277.982	ug/l	99
14) Allyl chloride	4.478	41	229123	51.991	ug/l	92
15) Acrylonitrile	5.161	53	172152	238.198	ug/l	99
16) Acetone	3.948	43	103875	180.081	ug/l	96
17) Carbon Disulfide	4.192	76	518632	47.874	ug/l	99
18) Methyl Acetate	4.472	43	66179	43.612	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	356098	47.981	ug/l	98
20) Methylene Chloride	4.716	84	191421	48.983	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	189483	50.793	ug/l	99
22) Diisopropyl ether	6.118	45	522993	54.133	ug/l	99
23) Vinyl Acetate	6.057	43	1431250	249.826	ug/l	99
24) 1,1-Dichloroethane	6.015	63	325501	51.602	ug/l	98
25) 2-Butanone	6.984	43	181181	213.693	ug/l	93
26) 2,2-Dichloropropane	6.978	77	242050	47.829	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	220770	51.817	ug/l	99
28) Bromochloromethane	7.332	49	132611	53.444	ug/l	95
29) Tetrahydrofuran	7.344	42	125630	233.493	ug/l	94
30) Chloroform	7.508	83	329862	51.166	ug/l	100
31) Cyclohexane	7.789	56	266166	47.700	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	270917	50.454	ug/l	98
36) 1,1-Dichloropropene	7.917	75	238235	49.128	ug/l	99
37) Ethyl Acetate	7.076	43	92457	46.342	ug/l	98
38) Carbon Tetrachloride	7.899	117	243839	49.771	ug/l	97
39) Methylcyclohexane	9.185	83	304411	48.171	ug/l	96
40) Benzene	8.161	78	782286	51.502	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	60848m	48.334	ug/l	
42) 1,2-Dichloroethane	8.240	62	166689	47.894	ug/l	98
43) Isopropyl Acetate	8.270	43	165886	44.605	ug/l	99
44) Trichloroethene	8.941	130	195706	50.703	ug/l	100
45) 1,2-Dichloropropane	9.215	63	181133	51.804	ug/l	99
46) Dibromomethane	9.307	93	92429	47.790	ug/l	97
47) Bromodichloromethane	9.496	83	242940	50.067	ug/l	99
48) Methyl methacrylate	9.295	41	78806	46.243	ug/l	96
49) 1,4-Dioxane	9.301	88	20227	916.110	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	456842	231.718	ug/l	98
52) Toluene	10.246	92	482134	51.727	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	215773	48.710	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	270280	49.667	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	127736	48.585	ug/l	95
56) Ethyl methacrylate	10.514	69	162501	47.410	ug/l	96
57) 1,3-Dichloropropane	10.794	76	217693	48.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	391753	219.883	ug/l	99
59) 2-Hexanone	10.837	43	302096	224.467	ug/l	97
60) Dibromochloromethane	10.983	129	163423	48.365	ug/l	99
61) 1,2-Dibromoethane	11.093	107	115046	46.953	ug/l	98
64) Tetrachloroethene	10.721	164	169637	50.632	ug/l	96
65) Chlorobenzene	11.520	112	514990	50.241	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	170129	50.334	ug/l	99
67) Ethyl Benzene	11.593	91	897009	51.972	ug/l	99
68) m/p-Xylenes	11.703	106	676816	102.099	ug/l	98
69) o-Xylene	12.032	106	316895	51.190	ug/l	99
70) Styrene	12.044	104	546625	52.244	ug/l	99
71) Bromoform	12.209	173	88711	45.426	ug/l #	98
73) Isopropylbenzene	12.331	105	828453	53.041	ug/l	99
74) N-amyl acetate	12.148	43	153580	48.710	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	137432	47.178	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	101095m	50.259	ug/l	
77) Bromobenzene	12.611	156	194048	51.338	ug/l	98
78) n-propylbenzene	12.672	91	1012095	53.406	ug/l	100
79) 2-Chlorotoluene	12.757	91	559970	52.791	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	652245	52.664	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	44047	45.149	ug/l	98
82) 4-Chlorotoluene	12.855	91	561628	51.123	ug/l	98
83) tert-Butylbenzene	13.074	119	590571	52.209	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	654098	53.033	ug/l	99
85) sec-Butylbenzene	13.257	105	888124	52.272	ug/l	99
86) p-Isopropyltoluene	13.373	119	730149	52.299	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	375263	50.038	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	362010	49.172	ug/l	100
89) n-Butylbenzene	13.696	91	685043	52.156	ug/l	99
90) Hexachloroethane	13.965	117	149887	52.357	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	319898	49.442	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15842	42.279	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	168533	44.729	ug/l	99
94) Hexachlorobutadiene	15.117	225	106741	47.755	ug/l	99
95) Naphthalene	15.239	128	271764	43.770	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	141117	44.635	ug/l	100

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

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