

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042224\
 Data File : VY018007.D
 Acq On : 22 Apr 2024 13:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Apr 23 01:39:15 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	346052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	533399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	463260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	212504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	158505	52.930	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.860%			
35) Dibromofluoromethane	7.722	113	188273	57.213	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.420%			
50) Toluene-d8	10.185	98	751613	60.193	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 120.380%			
62) 4-Bromofluorobenzene	12.489	95	219058	56.645	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	147924	53.883	ug/l	100
3) Chloromethane	2.113	50	201258	44.243	ug/l	97
4) Vinyl Chloride	2.253	62	236570	46.140	ug/l	98
5) Bromomethane	2.655	94	169104	49.551	ug/l	98
6) Chloroethane	2.796	64	154388	47.695	ug/l	98
7) Trichlorofluoromethane	3.131	101	301313	52.145	ug/l	96
8) Diethyl Ether	3.533	74	94727	51.878	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.905	101	195023	54.197	ug/l	98
10) Methyl Iodide	4.094	142	266308	55.628	ug/l	99
11) Tert butyl alcohol	4.960	59	41178	188.630	ug/l #	78
12) 1,1-Dichloroethene	3.875	96	196468	56.242	ug/l	97
13) Acrolein	3.728	56	74550	319.647	ug/l	100
14) Allyl chloride	4.484	41	260274	57.574	ug/l	92
15) Acrylonitrile	5.161	53	186709	251.842	ug/l	99
16) Acetone	3.948	43	139441	235.659	ug/l	98
17) Carbon Disulfide	4.198	76	607744	54.689	ug/l	98
18) Methyl Acetate	4.478	43	70980	45.599	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	388717	51.059	ug/l	100
20) Methylene Chloride	4.722	84	213528	53.266	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	217909	56.944	ug/l	98
22) Diisopropyl ether	6.124	45	579691	58.493	ug/l	98
23) Vinyl Acetate	6.063	43	1598331	271.973	ug/l	98
24) 1,1-Dichloroethane	6.021	63	370440	57.249	ug/l	98
25) 2-Butanone	6.984	43	212323	244.124	ug/l	94
26) 2,2-Dichloropropane	6.984	77	290138	55.889	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	249514	57.091	ug/l	99
28) Bromochloromethane	7.337	49	147689	58.024	ug/l	96
29) Tetrahydrofuran	7.350	42	134355	243.428	ug/l	95
30) Chloroform	7.508	83	374043	56.560	ug/l	98
31) Cyclohexane	7.789	56	312913	54.667	ug/l	94
32) 1,1,1-Trichloroethane	7.703	97	311607	56.573	ug/l	98
36) 1,1-Dichloropropene	7.923	75	278727	58.241	ug/l	97
37) Ethyl Acetate	7.075	43	97517	49.527	ug/l	98
38) Carbon Tetrachloride	7.904	117	281681	58.259	ug/l	100
39) Methylcyclohexane	9.185	83	360674	57.833	ug/l	96
40) Benzene	8.160	78	883758	58.955	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	61375m	49.400	ug/l	
42) 1,2-Dichloroethane	8.240	62	186478	54.291	ug/l	99
43) Isopropyl Acetate	8.276	43	179962	49.032	ug/l	99
44) Trichloroethene	8.941	130	222490	58.407	ug/l	99
45) 1,2-Dichloropropane	9.221	63	203522	58.980	ug/l	98
46) Dibromomethane	9.313	93	103128	54.030	ug/l	97
47) Bromodichloromethane	9.502	83	274239	57.268	ug/l	100
48) Methyl methacrylate	9.294	41	85140	50.624	ug/l	97
49) 1,4-Dioxane	9.301	88	19400	890.323	ug/l #	94
51) 4-Methyl-2-Pentanone	10.075	43	490669	252.181	ug/l	98
52) Toluene	10.245	92	552239	60.035	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	242992	55.583	ug/l	97
54) cis-1,3-Dichloropropene	9.928	75	308216	57.390	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	141783	54.644	ug/l	99
56) Ethyl methacrylate	10.514	69	177441	52.457	ug/l	97
57) 1,3-Dichloropropane	10.794	76	243774	55.484	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	479169	272.519	ug/l	98
59) 2-Hexanone	10.837	43	339812	255.845	ug/l	97
60) Dibromochloromethane	10.989	129	185688	55.684	ug/l	98
61) 1,2-Dibromoethane	11.093	107	126760	52.421	ug/l	100
64) Tetrachloroethene	10.721	164	193955	58.445	ug/l	99
65) Chlorobenzene	11.520	112	588635	57.976	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	198537	59.302	ug/l	99
67) Ethyl Benzene	11.599	91	1030648	60.288	ug/l	97
68) m/p-Xylenes	11.703	106	792771	120.738	ug/l	99
69) o-Xylene	12.032	106	365828	59.661	ug/l	99
70) Styrene	12.050	104	631204	60.906	ug/l	99
71) Bromoform	12.215	173	100536	51.975	ug/l #	98
73) Isopropylbenzene	12.337	105	956962	61.802	ug/l	99
74) N-amyl acetate	12.148	43	162682	52.046	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	148907	51.562	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	99836m	50.065	ug/l	
77) Bromobenzene	12.611	156	221415	59.088	ug/l	97
78) n-propylbenzene	12.678	91	1166171	62.073	ug/l	100
79) 2-Chlorotoluene	12.763	91	639723	60.835	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	758539	61.780	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	51041	52.774	ug/l	98
82) 4-Chlorotoluene	12.861	91	652020	59.868	ug/l	99
83) tert-Butylbenzene	13.080	119	698435	62.282	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	748275	61.198	ug/l	99
85) sec-Butylbenzene	13.257	105	1027361	60.993	ug/l	98
86) p-Isopropyltoluene	13.373	119	852585	61.600	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	433487	58.305	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	416983	57.132	ug/l	99
89) n-Butylbenzene	13.702	91	788566	60.561	ug/l	100
90) Hexachloroethane	13.964	117	170916	60.222	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	365314	56.954	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17149	46.166	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	199224	53.335	ug/l	99
94) Hexachlorobutadiene	15.117	225	125185	56.494	ug/l	98
95) Naphthalene	15.238	128	304411	49.455	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	163013	52.010	ug/l	99

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

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