

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042524\
 Data File : VY018041.D
 Acq On : 25 Apr 2024 10:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/26/2024
 Supervised By :Semsettin Yesilyurt 04/26/2024

Quant Time: Apr 26 01:57:29 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	7.795	168	400402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	594931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	517097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	246374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	164062	47.349	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.700%		
35) Dibromofluoromethane	7.722	113	199668	54.400	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	108.800%		
50) Toluene-d8	10.185	98	810389	58.188	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	116.380%		
62) 4-Bromofluorobenzene	12.489	95	239490	55.524	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	111.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	178932	56.330	ug/l	98
3) Chloromethane	2.113	50	220128	41.823	ug/l	99
4) Vinyl Chloride	2.253	62	264737	44.625	ug/l	99
5) Bromomethane	2.656	94	186421	47.210	ug/l	99
6) Chloroethane	2.802	64	167758	44.791	ug/l	97
7) Trichlorofluoromethane	3.131	101	347636	51.995	ug/l	96
8) Diethyl Ether	3.534	74	103355	48.920	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	218197	52.406	ug/l	96
10) Methyl Iodide	4.095	142	298319	53.857	ug/l	97
11) Tert butyl alcohol	4.960	59	50094	199.128	ug/l #	81
12) 1,1-Dichloroethene	3.881	96	218441	54.044	ug/l	96
13) Acrolein	3.735	56	65658	243.308	ug/l	100
14) Allyl chloride	4.485	41	278349	53.215	ug/l	93
15) Acrylonitrile	5.174	53	201532	234.937	ug/l	100
16) Acetone	3.954	43	161732	236.230	ug/l	94
17) Carbon Disulfide	4.204	76	642173	49.943	ug/l	98
18) Methyl Acetate	4.491	43	75452	41.892	ug/l	100
19) Methyl tert-butyl Ether	5.229	73	429506	48.758	ug/l	100
20) Methylene Chloride	4.723	84	236496	50.987	ug/l	99
21) trans-1,2-Dichloroethene	5.229	96	236026	53.306	ug/l	99
22) Diisopropyl ether	6.125	45	611640	53.339	ug/l	99
23) Vinyl Acetate	6.064	43	1702117	250.319	ug/l	99
24) 1,1-Dichloroethane	6.027	63	397815	53.134	ug/l	99
25) 2-Butanone	6.990	43	237262	235.769	ug/l	95
26) 2,2-Dichloropropane	6.990	77	338126	56.292	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	275181	54.417	ug/l	100
28) Bromochloromethane	7.338	49	142846	48.503	ug/l	100
29) Tetrahydrofuran	7.350	42	144384	226.090	ug/l	97
30) Chloroform	7.509	83	406170	53.081	ug/l	100
31) Cyclohexane	7.789	56	340055	51.345	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	353297	55.435	ug/l	98
36) 1,1-Dichloropropene	7.923	75	300632	56.321	ug/l	100
37) Ethyl Acetate	7.082	43	106475	48.484	ug/l #	97
38) Carbon Tetrachloride	7.905	117	324784	60.226	ug/l	99
39) Methylcyclohexane	9.191	83	395776	56.897	ug/l	97
40) Benzene	8.167	78	950759	56.865	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	64466m	46.521	ug/l	
42) 1,2-Dichloroethane	8.240	62	197643	51.591	ug/l	99
43) Isopropyl Acetate	8.277	43	196651	48.038	ug/l	100
44) Trichloroethene	8.947	130	251636	59.226	ug/l	96
45) 1,2-Dichloropropane	9.222	63	213039	55.353	ug/l	99
46) Dibromomethane	9.313	93	112224	52.714	ug/l	94
47) Bromodichloromethane	9.502	83	297420	55.685	ug/l	98
48) Methyl methacrylate	9.295	41	92254	49.180	ug/l	97
49) 1,4-Dioxane	9.307	88	24267	998.499	ug/l #	92
51) 4-Methyl-2-Pentanone	10.075	43	545646	251.432	ug/l	99
52) Toluene	10.246	92	609801	59.436	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	272878	55.963	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	337192	56.292	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	156999	54.250	ug/l	96
56) Ethyl methacrylate	10.514	69	200192	53.062	ug/l	97
57) 1,3-Dichloropropane	10.795	76	264907	54.058	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	484573	247.089	ug/l	99
59) 2-Hexanone	10.837	43	389181	262.709	ug/l	99
60) Dibromochloromethane	10.990	129	211386	56.834	ug/l	99
61) 1,2-Dibromoethane	11.093	107	142975	53.011	ug/l	100
64) Tetrachloroethene	10.728	164	224411	60.582	ug/l	97
65) Chlorobenzene	11.520	112	667177	58.870	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	222115	59.437	ug/l	99
67) Ethyl Benzene	11.599	91	1148383	60.181	ug/l	98
68) m/p-Xylenes	11.709	106	894037	121.984	ug/l	100
69) o-Xylene	12.038	106	419890	61.348	ug/l	99
70) Styrene	12.050	104	714673	61.781	ug/l	99
71) Bromoform	12.215	173	120022	55.589	ug/l #	97
73) Isopropylbenzene	12.337	105	1099767	61.261	ug/l	98
74) N-amyl acetate	12.148	43	184310	50.859	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	169042	50.488	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	115610m	50.006	ug/l	
77) Bromobenzene	12.611	156	257552	59.283	ug/l	94
78) n-propylbenzene	12.678	91	1312915	60.276	ug/l	98
79) 2-Chlorotoluene	12.764	91	720730	59.117	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	860747	60.467	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	58623	52.281	ug/l	97
82) 4-Chlorotoluene	12.861	91	735900	58.281	ug/l	98
83) tert-Butylbenzene	13.081	119	804081	61.845	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	849367	59.916	ug/l	98
85) sec-Butylbenzene	13.258	105	1166418	59.729	ug/l	98
86) p-Isopropyltoluene	13.373	119	971138	60.520	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	501630	58.195	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	483421	57.129	ug/l	99
89) n-Butylbenzene	13.703	91	884810	58.611	ug/l	99
90) Hexachloroethane	13.965	117	192920	58.631	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	425856	57.265	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	20970	48.692	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	237658	54.878	ug/l	98
94) Hexachlorobutadiene	15.117	225	141901	55.234	ug/l	98
95) Naphthalene	15.239	128	375763	52.654	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	195405	53.774	ug/l	98

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

