

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018067.D
 Acq On : 29 Apr 2024 14:32
 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 04/30/2024
 Supervised By :Semsettin Yesilyurt 04/30/2024

Quant Time: Apr 30 00:58:14 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	7.783	168	313745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	506325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	451491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	212011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	139055	51.216	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.440%			
35) Dibromofluoromethane	7.710	113	174393	55.829	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.660%			
50) Toluene-d8	10.173	98	642337	54.192	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.380%			
62) 4-Bromofluorobenzene	12.477	95	196344	53.487	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.980%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	123684	49.692	ug/l	97
3) Chloromethane	2.101	50	213521	51.772	ug/l	98
4) Vinyl Chloride	2.241	62	242964	52.266	ug/l	99
5) Bromomethane	2.644	94	210192	67.933	ug/l	96
6) Chloroethane	2.784	64	157418	53.639	ug/l	99
7) Trichlorofluoromethane	3.113	101	261506	49.916	ug/l	95
8) Diethyl Ether	3.515	74	93683	56.590	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.887	101	170050	52.123	ug/l	97
10) Methyl Iodide	4.076	142	242669	55.910	ug/l	96
11) Tert butyl alcohol	4.948	59	46470	238.617	ug/l #	82
12) 1,1-Dichloroethene	3.857	96	175490	55.410	ug/l	94
13) Acrolein	3.717	56	63067	298.256	ug/l	99
14) Allyl chloride	4.467	41	198189	48.355	ug/l	91
15) Acrylonitrile	5.143	53	191107	284.317	ug/l	99
16) Acetone	3.936	43	115054	214.467	ug/l	98
17) Carbon Disulfide	4.180	76	540620	53.658	ug/l	98
18) Methyl Acetate	4.460	43	74650	52.895	ug/l	95
19) Methyl tert-butyl Ether	5.204	73	392242	56.827	ug/l	100
20) Methylene Chloride	4.698	84	201742	55.508	ug/l	96
21) trans-1,2-Dichloroethene	5.204	96	196373	56.600	ug/l	95
22) Diisopropyl ether	6.106	45	476187	52.997	ug/l	97
23) Vinyl Acetate	6.045	43	1399176	262.601	ug/l	97
24) 1,1-Dichloroethane	6.003	63	314831	53.665	ug/l	99
25) 2-Butanone	6.978	43	195768	248.268	ug/l	99
26) 2,2-Dichloropropane	6.972	77	229859	48.837	ug/l	95
27) cis-1,2-Dichloroethene	6.972	96	227240	57.348	ug/l	95
28) Bromochloromethane	7.320	49	100514	43.556	ug/l	95
29) Tetrahydrofuran	7.338	42	134836	269.455	ug/l	98
30) Chloroform	7.496	83	329392	54.937	ug/l	100
31) Cyclohexane	7.777	56	243368	46.896	ug/l	97
32) 1,1,1-Trichloroethane	7.692	97	260125	52.089	ug/l	98
36) 1,1-Dichloropropene	7.911	75	229129	50.438	ug/l	100
37) Ethyl Acetate	7.064	43	97805	52.330	ug/l #	95
38) Carbon Tetrachloride	7.893	117	229113	49.920	ug/l	99
39) Methylcyclohexane	9.179	83	290443	49.062	ug/l	98
40) Benzene	8.149	78	780728	54.867	ug/l	99

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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)
41) Methacrylonitrile	7.332	41	78664m	66.701	ug/l	
42) 1,2-Dichloroethane	8.228	62	166010	50.917	ug/l	97
43) Isopropyl Acetate	8.265	43	174859	50.189	ug/l	98
44) Trichloroethene	8.935	130	197284	54.560	ug/l	98
45) 1,2-Dichloropropane	9.210	63	175641	53.622	ug/l	99
46) Dibromomethane	9.301	93	101384	55.956	ug/l	97
47) Bromodichloromethane	9.490	83	248839	54.743	ug/l	99
48) Methyl methacrylate	9.289	41	80963	50.714	ug/l	91
49) 1,4-Dioxane	9.301	88	22915	1107.869	ug/l #	96
51) 4-Methyl-2-Pentanone	10.063	43	488615	264.554	ug/l	97
52) Toluene	10.240	92	483162	55.334	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	222509	53.619	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	276906	54.317	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	141374	57.400	ug/l	97
56) Ethyl methacrylate	10.502	69	182101	56.713	ug/l	93
57) 1,3-Dichloropropane	10.782	76	232600	55.772	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	406098	243.311	ug/l	99
59) 2-Hexanone	10.825	43	329992	261.737	ug/l	96
60) Dibromochloromethane	10.984	129	174662	55.178	ug/l	100
61) 1,2-Dibromoethane	11.087	107	130023	56.645	ug/l	99
64) Tetrachloroethene	10.715	164	169529	52.416	ug/l	97
65) Chlorobenzene	11.514	112	532861	53.851	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	178901	54.830	ug/l	99
67) Ethyl Benzene	11.587	91	894354	53.679	ug/l	98
68) m/p-Xylenes	11.697	106	695437	108.675	ug/l	100
69) o-Xylene	12.026	106	326824	54.690	ug/l	99
70) Styrene	12.038	104	573404	56.771	ug/l	97
71) Bromoform	12.203	173	102177	54.200	ug/l #	98
73) Isopropylbenzene	12.325	105	825108	53.411	ug/l	100
74) N-amyl acetate	12.142	43	162500	52.108	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	162324	56.339	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	113799m	57.200	ug/l	
77) Bromobenzene	12.605	156	204113	54.598	ug/l	97
78) n-propylbenzene	12.666	91	999549	53.327	ug/l	99
79) 2-Chlorotoluene	12.752	91	557249	53.116	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	656985	53.633	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	51560	53.435	ug/l	94
82) 4-Chlorotoluene	12.849	91	566626	52.148	ug/l	97
83) tert-Butylbenzene	13.069	119	572723	51.190	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	654871	53.683	ug/l	100
85) sec-Butylbenzene	13.252	105	865522	51.505	ug/l	99
86) p-Isopropyltoluene	13.367	119	712764	51.618	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	388706	52.403	ug/l	99
88) 1,4-Dichlorobenzene	13.441	146	380137	52.205	ug/l	99
89) n-Butylbenzene	13.690	91	644680	49.626	ug/l	100
90) Hexachloroethane	13.959	117	147391	52.054	ug/l	99
91) 1,2-Dichlorobenzene	13.733	146	339363	53.031	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18989	51.238	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	182935	49.089	ug/l	98
94) Hexachlorobutadiene	15.105	225	97751	44.216	ug/l	98
95) Naphthalene	15.233	128	333944	54.379	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	159996	51.166	ug/l	99

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

