

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042624\
 Data File : VY018054.D
 Acq On : 26 Apr 2024 10:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 27 01:04:32 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/29/2024
 Supervised By :Semsettin Yesilyurt 04/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	452063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	692527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	606769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	291952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	165463	42.296	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.600%		
35) Dibromofluoromethane	7.722	113	196296	45.944	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.880%		
50) Toluene-d8	10.185	98	774591	47.779	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.560%		
62) 4-Bromofluorobenzene	12.489	95	240353	47.871	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	232397	64.801	ug/l	96
3) Chloromethane	2.113	50	275166	46.305	ug/l	99
4) Vinyl Chloride	2.253	62	311802	46.552	ug/l	98
5) Bromomethane	2.656	94	215314	48.296	ug/l	97
6) Chloroethane	2.796	64	189484	44.810	ug/l	100
7) Trichlorofluoromethane	3.125	101	392278	51.967	ug/l	97
8) Diethyl Ether	3.527	74	126101	52.865	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	253661	53.962	ug/l	97
10) Methyl Iodide	4.088	142	324750	51.928	ug/l	98
11) Tert butyl alcohol	4.960	59	72290	258.867	ug/l #	83
12) 1,1-Dichloroethene	3.875	96	256118	56.125	ug/l	98
13) Acrolein	3.728	56	72398	237.625	ug/l	99
14) Allyl chloride	4.478	41	326632	55.309	ug/l	92
15) Acrylonitrile	5.161	53	251816	260.009	ug/l	99
16) Acetone	3.948	43	260320	336.778	ug/l	96
17) Carbon Disulfide	4.198	76	819503	56.451	ug/l	98
18) Methyl Acetate	4.478	43	96834	47.620	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	534185	53.712	ug/l	99
20) Methylene Chloride	4.716	84	272048	51.950	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	276720	55.355	ug/l	98
22) Diisopropyl ether	6.118	45	691710	53.428	ug/l	98
23) Vinyl Acetate	6.057	43	2078413	270.728	ug/l	99
24) 1,1-Dichloroethane	6.021	63	444329	52.565	ug/l	98
25) 2-Butanone	6.984	43	351309	309.204	ug/l	94
26) 2,2-Dichloropropane	6.984	77	378369	55.793	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	312244	54.690	ug/l	99
28) Bromochloromethane	7.338	49	159776	48.052	ug/l	97
29) Tetrahydrofuran	7.350	42	191937	266.206	ug/l	97
30) Chloroform	7.508	83	447493	51.799	ug/l	99
31) Cyclohexane	7.789	56	405466	54.225	ug/l	99
32) 1,1,1-Trichloroethane	7.703	97	389222	54.093	ug/l	98
36) 1,1-Dichloropropene	7.923	75	344828	55.497	ug/l	99
37) Ethyl Acetate	7.075	43	137641	53.843	ug/l #	97
38) Carbon Tetrachloride	7.905	117	360563	57.438	ug/l	99
39) Methylcyclohexane	9.191	83	478654	59.115	ug/l	98
40) Benzene	8.167	78	1080272	55.506	ug/l	99

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41) Methacrylonitrile	7.307	41	87714m	54.378	ug/l	
42) 1,2-Dichloroethane	8.240	62	231418	51.894	ug/l	98
43) Isopropyl Acetate	8.276	43	255023	53.517	ug/l	99
44) Trichloroethene	8.947	130	286470	57.923	ug/l	93
45) 1,2-Dichloropropane	9.221	63	241934	54.002	ug/l	100
46) Dibromomethane	9.313	93	132989	53.665	ug/l	94
47) Bromodichloromethane	9.502	83	333144	53.584	ug/l	99
48) Methyl methacrylate	9.295	41	119041	54.517	ug/l	97
49) 1,4-Dioxane	9.307	88	28906	1021.761	ug/l #	98
51) 4-Methyl-2-Pentanone	10.075	43	704809	279.005	ug/l	99
52) Toluene	10.252	92	686360	57.470	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	319730	56.331	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	388304	55.689	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	181808	53.969	ug/l	98
56) Ethyl methacrylate	10.514	69	250925	57.136	ug/l	97
57) 1,3-Dichloropropane	10.794	76	312357	54.758	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	492176	215.598	ug/l	98
59) 2-Hexanone	10.837	43	562578	326.239	ug/l	99
60) Dibromochloromethane	10.989	129	242400	55.988	ug/l	99
61) 1,2-Dibromoethane	11.093	107	173592	55.293	ug/l	98
64) Tetrachloroethene	10.727	164	257810	59.313	ug/l	98
65) Chlorobenzene	11.520	112	753215	56.640	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	247342	56.406	ug/l	99
67) Ethyl Benzene	11.599	91	1301669	58.132	ug/l	98
68) m/p-Xylenes	11.709	106	1004401	116.789	ug/l	99
69) o-Xylene	12.038	106	468286	58.308	ug/l	99
70) Styrene	12.050	104	798333	58.814	ug/l	99
71) Bromoform	12.215	173	144555	57.057	ug/l #	97
73) Isopropylbenzene	12.337	105	1226640	57.661	ug/l	98
74) N-amyl acetate	12.148	43	236037	54.964	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	206288	51.993	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	144087m	52.593	ug/l	
77) Bromobenzene	12.617	156	292636	56.843	ug/l	96
78) n-propylbenzene	12.678	91	1460517	56.585	ug/l	98
79) 2-Chlorotoluene	12.763	91	805283	55.740	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	965466	57.235	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.385	75	71083	53.496	ug/l	97
82) 4-Chlorotoluene	12.861	91	822618	54.978	ug/l	97
83) tert-Butylbenzene	13.080	119	896391	58.182	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	965724	57.489	ug/l	98
85) sec-Butylbenzene	13.257	105	1309468	56.586	ug/l	98
86) p-Isopropyltoluene	13.373	119	1101666	57.936	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	571788	55.978	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	553597	55.209	ug/l	99
89) n-Butylbenzene	13.702	91	1010281	56.474	ug/l	99
90) Hexachloroethane	13.964	117	216841	55.612	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	490976	55.715	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	26247	51.430	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	292172	56.934	ug/l	99
94) Hexachlorobutadiene	15.117	225	169155	55.564	ug/l	97
95) Naphthalene	15.239	128	494869	58.519	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	243493	56.547	ug/l	99

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

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