

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019107.D
 Acq On : 19 Aug 2024 10:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 19 14:51:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024
 Supervised By :Semsettin Yesilyurt 08/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.695	168	134914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	206544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	190677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	96589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	67473	49.891	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.780%		
35) Dibromofluoromethane	7.622	113	70581	52.263	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.520%		
50) Toluene-d8	10.103	98	250239	51.489	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.980%		
62) 4-Bromofluorobenzene	12.408	95	88774	53.583	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	107.160%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.861	85	45505	45.972	ug/l	99
3) Chloromethane	2.062	50	85956	48.177	ug/l	98
4) Vinyl Chloride	2.196	62	98378	44.640	ug/l	97
5) Bromomethane	2.592	94	69918	52.223	ug/l	95
6) Chloroethane	2.726	64	63292	44.688	ug/l	99
7) Trichlorofluoromethane	3.043	101	145413	43.642	ug/l	96
8) Diethyl Ether	3.446	74	32862	45.693	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.799	101	65117	43.960	ug/l	96
10) Methyl Iodide	3.988	142	73104	50.350	ug/l	93
11) Tert butyl alcohol	4.830	59	21546	174.439	ug/l #	81
12) 1,1-Dichloroethene	3.781	96	64026	47.576	ug/l	97
13) Acrolein	3.641	56	19824	190.482	ug/l	98
14) Allyl chloride	4.372	41	87073	48.664	ug/l	91
15) Acrylonitrile	5.037	53	65647	223.081	ug/l	99
16) Acetone	3.854	43	73692	293.818	ug/l #	87
17) Carbon Disulfide	4.092	76	180135	47.456	ug/l	97
18) Methyl Acetate	4.366	43	34163	44.382	ug/l	97
19) Methyl tert-butyl Ether	5.098	73	156757	48.045	ug/l	96
20) Methylene Chloride	4.598	84	75082	47.741	ug/l	97
21) trans-1,2-Dichloroethene	5.098	96	73473	48.868	ug/l	97
22) Diisopropyl ether	6.006	45	195107	47.633	ug/l	95
23) Vinyl Acetate	5.945	43	768190	236.884	ug/l	96
24) 1,1-Dichloroethane	5.896	63	118279	47.218	ug/l	99
25) 2-Butanone	6.884	43	94847	234.817	ug/l	92
26) 2,2-Dichloropropane	6.872	77	104372	51.454	ug/l	99
27) cis-1,2-Dichloroethene	6.872	96	86980	49.158	ug/l	99
28) Bromochloromethane	7.232	49	49096	46.724	ug/l	99
29) Tetrahydrofuran	7.250	42	55146	212.386	ug/l	93
30) Chloroform	7.408	83	134926	48.339	ug/l	100
31) Cyclohexane	7.689	56	93325	48.077	ug/l	99
32) 1,1,1-Trichloroethane	7.604	97	119376	48.666	ug/l	97
36) 1,1-Dichloropropene	7.823	75	90130	48.601	ug/l	99
37) Ethyl Acetate	6.969	43	41054	49.967	ug/l	97
38) Carbon Tetrachloride	7.805	117	103121	47.982	ug/l	96
39) Methylcyclohexane	9.097	83	109735	46.110	ug/l	97
40) Benzene	8.067	78	289338	50.872	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	23887m	53.265	ug/l	
42) 1,2-Dichloroethane	8.146	62	77838	50.679	ug/l	97
43) Isopropyl Acetate	8.183	43	76779	46.206	ug/l #	83
44) Trichloroethene	8.853	130	75480	47.561	ug/l	96
45) 1,2-Dichloropropane	9.134	63	60416	47.676	ug/l	95
46) Dibromomethane	9.225	93	39752	48.365	ug/l	98
47) Bromodichloromethane	9.414	83	98388	48.792	ug/l	98
48) Methyl methacrylate	9.213	41	34220	46.209	ug/l	88
49) 1,4-Dioxane	9.213	88	8474	851.117	ug/l #	95
51) 4-Methyl-2-Pentanone	9.993	43	198732	225.336	ug/l	94
52) Toluene	10.164	92	185912	49.796	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	86169	51.514	ug/l	94
54) cis-1,3-Dichloropropene	9.847	75	99500	49.461	ug/l #	92
55) 1,1,2-Trichloroethane	10.572	97	53910	50.951	ug/l	94
56) Ethyl methacrylate	10.438	69	65860	47.555	ug/l #	83
57) 1,3-Dichloropropane	10.713	76	86815	50.333	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	162136	246.780	ug/l	96
59) 2-Hexanone	10.755	43	154507	255.001	ug/l	91
60) Dibromochloromethane	10.908	129	72128	50.050	ug/l	99
61) 1,2-Dibromoethane	11.011	107	50862	49.735	ug/l	100
64) Tetrachloroethene	10.646	164	79610	47.766	ug/l	99
65) Chlorobenzene	11.438	112	208096	47.396	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	74537	48.275	ug/l	97
67) Ethyl Benzene	11.517	91	365459	47.957	ug/l	98
68) m/p-Xylenes	11.627	106	286132	94.628	ug/l	99
69) o-Xylene	11.956	106	135344	48.334	ug/l	99
70) Styrene	11.969	104	231667	48.516	ug/l	97
71) Bromoform	12.133	173	43685	49.494	ug/l #	97
73) Isopropylbenzene	12.255	105	355734	48.052	ug/l	99
74) N-amyl acetate	12.072	43	75030	46.478	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	56542	42.901	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	41339m	43.399	ug/l	
77) Bromobenzene	12.529	156	85390	48.028	ug/l	95
78) n-propylbenzene	12.597	91	423406	47.843	ug/l	99
79) 2-Chlorotoluene	12.682	91	238681	48.105	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	292511	48.502	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	18747	48.605	ug/l	92
82) 4-Chlorotoluene	12.779	91	249609	48.355	ug/l	99
83) tert-Butylbenzene	12.999	119	268682	48.242	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	293881	48.892	ug/l	99
85) sec-Butylbenzene	13.176	105	384840	47.416	ug/l	98
86) p-Isopropyltoluene	13.291	119	326666	49.001	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	167251	47.701	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	164583	47.221	ug/l	98
89) n-Butylbenzene	13.621	91	303279	49.898	ug/l	98
90) Hexachloroethane	13.877	117	64557	49.130	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	147609	47.866	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	8808	45.429	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	88525	50.904	ug/l	97
94) Hexachlorobutadiene	15.023	225	49802	54.980	ug/l	100
95) Naphthalene	15.145	128	153981	49.612	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	76192	51.946	ug/l	99

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

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