

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019191.D
 Acq On : 22 Aug 2024 01:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 22 03:46:16 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 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	132896	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.609	114	216735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	191813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	94816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	67673	50.799	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.600%		
35) Dibromofluoromethane	7.628	113	63231	44.619	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.240%		
50) Toluene-d8	10.103	98	248885	48.803	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.600%		
62) 4-Bromofluorobenzene	12.408	95	83799	48.201	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	96.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	45882	47.057	ug/l	98
3) Chloromethane	2.068	50	74098	42.162	ug/l	99
4) Vinyl Chloride	2.202	62	89620	41.283	ug/l	99
5) Bromomethane	2.592	94	61804	46.175	ug/l	98
6) Chloroethane	2.732	64	57530	40.920	ug/l	98
7) Trichlorofluoromethane	3.049	101	134601	41.011	ug/l	96
8) Diethyl Ether	3.446	74	32960	46.525	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.812	101	67135	46.011	ug/l	98
10) Methyl Iodide	4.000	142	75012	52.449	ug/l	92
11) Tert butyl alcohol	4.830	59	29943m	266.517	ug/l	
12) 1,1-Dichloroethene	3.787	96	63351	47.789	ug/l	98
13) Acrolein	3.647	56	18601	180.429	ug/l	97
14) Allyl chloride	4.378	41	90744	51.486	ug/l	91
15) Acrylonitrile	5.043	53	71987	248.340	ug/l	97
16) Acetone	3.860	43	56076	226.976	ug/l	88
17) Carbon Disulfide	4.098	76	178810	47.823	ug/l	98
18) Methyl Acetate	4.378	43	37698	49.718	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	160993	50.093	ug/l	97
20) Methylene Chloride	4.610	84	75718	49.182	ug/l	94
21) trans-1,2-Dichloroethene	5.104	96	72499	48.952	ug/l	98
22) Diisopropyl ether	6.012	45	209397	51.898	ug/l	94
23) Vinyl Acetate	5.951	43	773220	242.055	ug/l	97
24) 1,1-Dichloroethane	5.909	63	121850	49.383	ug/l	96
25) 2-Butanone	6.878	43	92314	232.016	ug/l #	87
26) 2,2-Dichloropropane	6.878	77	91885	45.986	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	84179	48.298	ug/l	98
28) Bromochloromethane	7.238	49	53495	51.683	ug/l	95
29) Tetrahydrofuran	7.256	42	63725	249.154	ug/l	91
30) Chloroform	7.415	83	136587	49.677	ug/l	97
31) Cyclohexane	7.689	56	92788	48.570	ug/l	96
32) 1,1,1-Trichloroethane	7.610	97	117635	48.684	ug/l	99
36) 1,1-Dichloropropene	7.829	75	93910	48.258	ug/l	98
37) Ethyl Acetate	6.976	43	43643	50.620	ug/l	96
38) Carbon Tetrachloride	7.811	117	113247	50.216	ug/l	96
39) Methylcyclohexane	9.103	83	114769	45.958	ug/l	96
40) Benzene	8.073	78	290534	48.680	ug/l	99

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41) Methacrylonitrile	7.232	41	26746m	56.836	ug/l	
42) 1,2-Dichloroethane	8.152	62	82407	51.131	ug/l	95
43) Isopropyl Acetate	8.189	43	87961	50.447	ug/l	91
44) Trichloroethene	8.859	130	77302	46.419	ug/l	100
45) 1,2-Dichloropropane	9.140	63	62986	47.367	ug/l	97
46) Dibromomethane	9.231	93	40741	47.238	ug/l	99
47) Bromodichloromethane	9.420	83	105112	49.676	ug/l	98
48) Methyl methacrylate	9.219	41	40039	51.525	ug/l	86
49) 1,4-Dioxane	9.219	88	9451	904.612	ug/l #	96
51) 4-Methyl-2-Pentanone	9.999	43	237401	256.524	ug/l	91
52) Toluene	10.170	92	194854	49.737	ug/l	96
53) t-1,3-Dichloropropene	10.396	75	87688	49.957	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	100705	47.706	ug/l #	89
55) 1,1,2-Trichloroethane	10.572	97	53184	47.901	ug/l	97
56) Ethyl methacrylate	10.438	69	71231	49.015	ug/l #	79
57) 1,3-Dichloropropane	10.719	76	88558	48.929	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	155687	225.822	ug/l	98
59) 2-Hexanone	10.761	43	159841	251.400	ug/l	89
60) Dibromochloromethane	10.914	129	73762	48.777	ug/l	99
61) 1,2-Dibromoethane	11.018	107	50662	47.210	ug/l	98
64) Tetrachloroethene	10.646	164	80693	48.129	ug/l	97
65) Chlorobenzene	11.444	112	209783	47.497	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	74802	48.159	ug/l	98
67) Ethyl Benzene	11.517	91	372382	48.576	ug/l	99
68) m/p-Xylenes	11.627	106	292684	96.221	ug/l	99
69) o-Xylene	11.956	106	136761	48.551	ug/l	99
70) Styrene	11.969	104	236434	49.221	ug/l	98
71) Bromoform	12.133	173	42507	47.874	ug/l #	98
73) Isopropylbenzene	12.255	105	356580	49.067	ug/l	99
74) N-amyl acetate	12.072	43	80732	50.946	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.511	83	57457	44.410	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	38803m	41.498	ug/l	
77) Bromobenzene	12.536	156	84190	48.239	ug/l	97
78) n-propylbenzene	12.597	91	411766	47.398	ug/l	99
79) 2-Chlorotoluene	12.682	91	237105	48.681	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	264001	44.593	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	17328	45.767	ug/l	86
82) 4-Chlorotoluene	12.779	91	226899	44.777	ug/l	99
83) tert-Butylbenzene	12.999	119	243855	44.603	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	264462	44.821	ug/l	100
85) sec-Butylbenzene	13.176	105	354356	44.477	ug/l	99
86) p-Isopropyltoluene	13.292	119	306302	46.805	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	160910	46.750	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	158953	46.459	ug/l	98
89) n-Butylbenzene	13.621	91	272677	45.702	ug/l	99
90) Hexachloroethane	13.883	117	60985	47.279	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	142597	47.106	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	8962	47.087	ug/l	93
93) 1,2,4-Trichlorobenzene	14.925	180	75477	44.213	ug/l	96
94) Hexachlorobutadiene	15.029	225	42627	47.939	ug/l	99
95) Naphthalene	15.145	128	141024	46.287	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	63779	44.296	ug/l	99

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

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