

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019234.D
 Acq On : 22 Aug 2024 20:47
 Operator : SY/MD
 Sample : P3643-02MS
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 932-K1-SD-0-0.5-081524MS

Quant Time: Aug 23 04:01:02 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	7.701	168	73191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	106420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	45803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	13020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	41825	57.007	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.020%			
35) Dibromofluoromethane	7.622	113	41829	60.113	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.220%			
50) Toluene-d8	10.103	98	117350	46.864	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.720%			
62) 4-Bromofluorobenzene	12.401	95	15054	17.635	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 35.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	28955	53.921	ug/l	97
3) Chloromethane	2.068	50	51364	53.067	ug/l	95
4) Vinyl Chloride	2.202	62	63466	53.084	ug/l	99
5) Bromomethane	2.592	94	42756	59.719	ug/l	98
6) Chloroethane	2.732	64	41831	55.683	ug/l	95
7) Trichlorofluoromethane	3.050	101	85549	47.328	ug/l	93
8) Diethyl Ether	3.446	74	19609	50.259	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.805	101	38451	47.849	ug/l	99
10) Methyl Iodide	4.001	142	35528	45.106	ug/l	96
11) Tert butyl alcohol	4.842	59	12348	187.080	ug/l #	81
12) 1,1-Dichloroethene	3.781	96	36250	49.652	ug/l	95
13) Acrolein	3.641	56	1445	7.075	ug/l	87
14) Allyl chloride	4.372	41	46869	48.285	ug/l	95
15) Acrylonitrile	5.049	53	40934	256.408	ug/l	99
16) Acetone	3.854	43	48737	358.193	ug/l	88
17) Carbon Disulfide	4.092	76	88564	43.008	ug/l	98
18) Methyl Acetate	4.372	43	69514	166.463	ug/l	93
19) Methyl tert-butyl Ether	5.104	73	103842	58.667	ug/l	97
20) Methylene Chloride	4.610	84	47389	57.644	ug/l	91
21) trans-1,2-Dichloroethene	5.104	96	39604	48.555	ug/l	97
22) Diisopropyl ether	6.012	45	131522	59.188	ug/l #	96
23) Vinyl Acetate	5.945	43	75238	42.766	ug/l	95
24) 1,1-Dichloroethane	5.909	63	78039	57.427	ug/l	99
25) 2-Butanone	6.884	43	54707	249.660	ug/l	90
26) 2,2-Dichloropropane	6.872	77	57941	52.653	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	48085	50.094	ug/l	97
28) Bromochloromethane	7.232	49	30755	53.952	ug/l	98
29) Tetrahydrofuran	7.256	42	36086	256.183	ug/l	92
30) Chloroform	7.408	83	84219	55.618	ug/l	98
31) Cyclohexane	7.695	56	50127	47.554	ug/l	94
32) 1,1,1-Trichloroethane	7.604	97	75324	56.603	ug/l	96
36) 1,1-Dichloropropene	7.829	75	48452	50.708	ug/l	99
37) Ethyl Acetate	6.976	43	17795	42.035	ug/l	96
38) Carbon Tetrachloride	7.811	117	63881	57.689	ug/l	98
39) Methylcyclohexane	9.103	83	38311	31.244	ug/l	97
40) Benzene	8.073	78	168010	57.332	ug/l	96

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41) Methacrylonitrile	7.226	41	13071m	56.570	ug/l	
42) 1,2-Dichloroethane	8.152	62	45608	57.633	ug/l	99
43) Isopropyl Acetate	8.189	43	38930	45.471	ug/l #	82
44) Trichloroethene	8.859	130	37225	45.524	ug/l	97
45) 1,2-Dichloropropane	9.134	63	33409	51.169	ug/l	99
46) Dibromomethane	9.225	93	19294	45.560	ug/l	96
47) Bromodichloromethane	9.420	83	50229	48.345	ug/l	96
48) Methyl methacrylate	9.219	41	19833	51.979	ug/l	90
49) 1,4-Dioxane	9.213	88	5366	1046.022	ug/l #	99
51) 4-Methyl-2-Pentanone	9.993	43	124861	274.776	ug/l	93
52) Toluene	10.164	92	88591	46.054	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	36099	41.885	ug/l	99
54) cis-1,3-Dichloropropene	9.847	75	45204	43.612	ug/l	91
55) 1,1,2-Trichloroethane	10.566	97	25552	46.870	ug/l	94
56) Ethyl methacrylate	10.438	69	28451	39.871	ug/l #	85
57) 1,3-Dichloropropane	10.713	76	45278	50.948	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	65444	193.326	ug/l	97
59) 2-Hexanone	10.762	43	62719	200.901	ug/l	91
60) Dibromochloromethane	10.914	129	28958	38.999	ug/l	99
61) 1,2-Dibromoethane	11.012	107	22390	42.492	ug/l	98
64) Tetrachloroethene	10.646	164	27782	69.394	ug/l	94
65) Chlorobenzene	11.444	112	50074	47.478	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	25758	69.449	ug/l	98
67) Ethyl Benzene	11.518	91	94566	51.660	ug/l	100
68) m/p-Xylenes	11.627	106	68330	94.074	ug/l	100
69) o-Xylene	11.956	106	34384	51.119	ug/l	99
70) Styrene	11.969	104	38325	33.413	ug/l	96
71) Bromoform	12.133	173	13159	62.065	ug/l #	92
73) Isopropylbenzene	12.255	105	81638	81.808	ug/l	100
74) N-amyl acetate	12.072	43	11520	52.940	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	19497	109.744	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	5189m	40.412	ug/l	
77) Bromobenzene	12.530	156	15334	63.983	ug/l	97
78) n-propylbenzene	12.597	91	74092	62.108	ug/l	100
79) 2-Chlorotoluene	12.682	91	38061	56.908	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	47891	58.909	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	4376	84.168	ug/l #	76
82) 4-Chlorotoluene	12.779	91	35268	50.685	ug/l	99
83) tert-Butylbenzene	12.999	119	58502	77.925	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	49347	60.904	ug/l	100
85) sec-Butylbenzene	13.176	105	68253	62.386	ug/l	99
86) p-Isopropyltoluene	13.292	119	48862	54.373	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	19869	42.039	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	18876	40.177	ug/l	96
89) n-Butylbenzene	13.621	91	31675	38.661	ug/l	99
90) Hexachloroethane	13.883	117	11622	65.615	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	17460	42.003	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2635	100.821	ug/l	90
93) 1,2,4-Trichlorobenzene	14.919	180	3432	14.640	ug/l	98
94) Hexachlorobutadiene	15.029	225	3452	28.271	ug/l	95
95) Naphthalene	15.145	128	6597	15.768	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	2507	12.680	ug/l	95

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

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