

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019347.D
 Acq On : 28 Aug 2024 22:16
 Operator : SY/MD
 Sample : P3660-07MSD
 Misc : 6.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-906-J-0-0.5-081624MSD

Quant Time: Aug 29 01:41:44 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 :Romaben Patel 08/29/2024
 Supervised By :Mahesh Dadoda 08/29/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	58946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	87273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	49374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	14603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	34961	59.167	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.340%			
35) Dibromofluoromethane	7.622	113	33580	58.846	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.700%			
50) Toluene-d8	10.103	98	104281	50.781	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.560%			
62) 4-Bromofluorobenzene	12.407	95	18260	26.084	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 52.160%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.860	85	26557	61.407	ug/l	98
3) Chloromethane	2.062	50	42234	54.179	ug/l	95
4) Vinyl Chloride	2.196	62	53974	56.054	ug/l	98
5) Bromomethane	2.586	94	36452	63.611	ug/l	98
6) Chloroethane	2.726	64	32472	53.422	ug/l	96
7) Trichlorofluoromethane	3.043	101	70696	48.563	ug/l	99
8) Diethyl Ether	3.446	74	16943	53.920	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.799	101	35170	54.343	ug/l	97
10) Methyl Iodide	3.988	142	33382	52.623	ug/l	94
11) Tert butyl alcohol	4.836	59	13638	275.011	ug/l #	81
12) 1,1-Dichloroethene	3.775	96	32803	55.789	ug/l	93
14) Allyl chloride	4.372	41	31917	40.827	ug/l	93
15) Acrylonitrile	5.043	53	38784	301.649	ug/l	98
16) Acetone	3.848	43	49399	450.795	ug/l #	76
17) Carbon Disulfide	4.092	76	80881	48.769	ug/l	100
18) Methyl Acetate	4.366	43	74701	222.114	ug/l	92
19) Methyl tert-butyl Ether	5.104	73	84419	59.220	ug/l	97
20) Methylene Chloride	4.598	84	41166	63.186	ug/l	95
21) trans-1,2-Dichloroethene	5.098	96	35647	54.265	ug/l	93
22) Diisopropyl ether	6.006	45	97546	54.506	ug/l	97
24) 1,1-Dichloroethane	5.902	63	62382	56.999	ug/l	98
25) 2-Butanone	6.878	43	51085	289.469	ug/l #	86
26) 2,2-Dichloropropane	6.872	77	47302	53.372	ug/l	96
27) cis-1,2-Dichloroethene	6.884	96	40879	52.879	ug/l	98
28) Bromochloromethane	7.238	49	25797	56.191	ug/l	98
29) Tetrahydrofuran	7.250	42	33763	297.616	ug/l	87
30) Chloroform	7.414	83	69743	57.188	ug/l	99
31) Cyclohexane	7.689	56	42650	50.503	ug/l	96
32) 1,1,1-Trichloroethane	7.603	97	63599	59.342	ug/l	98
36) 1,1-Dichloropropene	7.823	75	45662	58.272	ug/l	99
37) Ethyl Acetate	6.975	43	7436	21.419	ug/l #	77
38) Carbon Tetrachloride	7.805	117	54223	59.710	ug/l	94
39) Methylcyclohexane	9.103	83	38540	38.326	ug/l	96
40) Benzene	8.073	78	140339	58.396	ug/l	99
41) Methacrylonitrile	7.207	41	11215m	59.186	ug/l	
42) 1,2-Dichloroethane	8.152	62	41176	63.448	ug/l	95

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43) Isopropyl Acetate	8.195	43	18406	26.215	ug/l #	78
44) Trichloroethene	8.859	130	35767	53.338	ug/l	99
45) 1,2-Dichloropropane	9.134	63	30998	57.892	ug/l	96
46) Dibromomethane	9.225	93	19512	56.184	ug/l	99
47) Bromodichloromethane	9.420	83	49915	58.583	ug/l	99
48) Methyl methacrylate	9.219	41	27547	88.036	ug/l	83
49) 1,4-Dioxane	9.213	88	5734	1362.985	ug/l #	96
51) 4-Methyl-2-Pentanone	9.999	43	117498	315.301	ug/l	90
52) Toluene	10.170	92	80429	50.984	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	36861	52.152	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	44332	52.154	ug/l #	89
55) 1,1,2-Trichloroethane	10.572	97	21980	49.164	ug/l	94
56) Ethyl methacrylate	10.438	69	14400	24.608	ug/l #	79
57) 1,3-Dichloropropane	10.713	76	36501	50.083	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.707	63	66538	239.681	ug/l	95
59) 2-Hexanone	10.761	43	59277	231.532	ug/l	95
60) Dibromochloromethane	10.908	129	27802	45.657	ug/l	100
61) 1,2-Dibromoethane	11.011	107	21009	48.619	ug/l	98
64) Tetrachloroethene	10.646	164	24238	56.163	ug/l	94
65) Chlorobenzene	11.438	112	59747	52.553	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	24844	62.140	ug/l	96
67) Ethyl Benzene	11.517	91	103284	52.342	ug/l	96
68) m/p-Xylenes	11.627	106	70804	90.429	ug/l	97
69) o-Xylene	11.956	106	30376	41.894	ug/l	99
70) Styrene	11.968	104	47518	38.431	ug/l	97
71) Bromoform	12.133	173	11571	50.628	ug/l #	98
73) Isopropylbenzene	12.255	105	74117	66.220	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	19210	96.407	ug/l	96
76) 1,2,3-Trichloropropane	12.554	75	15155m	105.234	ug/l	
77) Bromobenzene	12.529	156	19255	71.634	ug/l	97
78) n-propylbenzene	12.596	91	83743	62.589	ug/l	99
79) 2-Chlorotoluene	12.682	91	48464	64.607	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	47997	52.640	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	4428	75.936	ug/l	90
82) 4-Chlorotoluene	12.779	91	45871	58.777	ug/l	95
83) tert-Butylbenzene	12.999	119	51588	61.266	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	56832	62.539	ug/l	99
85) sec-Butylbenzene	13.176	105	54378	44.316	ug/l	97
86) p-Isopropyltoluene	13.291	119	43616	43.274	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	24220	45.689	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	23567	44.724	ug/l	97
89) n-Butylbenzene	13.621	91	29570	32.179	ug/l	96
90) Hexachloroethane	13.877	117	8022	40.380	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	20699	44.397	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2974	101.456	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	5979	22.740	ug/l	100
94) Hexachlorobutadiene	15.023	225	3570	26.068	ug/l	97
95) Naphthalene	15.145	128	15614	33.275	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	4724	21.303	ug/l	99

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

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