

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079611.D
 Acq On : 06 Aug 2024 06:55
 Operator : RP/MD
 Sample : P3374-19MS
 Misc : 7.36G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-863-K2-SO-12.75-13.25-072024MS

Quant Time: Aug 06 08:10:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/06/2024
 Supervised By :Mahesh Dadoda 08/08/2024

Supervised By :Mahesh
 Dadoda
 08/08/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	63152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	155140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	110308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	27108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79744	124.296	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 248.600%#			
35) Dibromofluoromethane	7.805	113	79289	75.509	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 151.020%#			
50) Toluene-d8	10.269	98	206317	50.596	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.200%			
62) 4-Bromofluorobenzene	12.569	95	32664	27.681	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 55.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	39365	79.555	ug/l	96
3) Chloromethane	2.146	50	99150	108.751	ug/l	97
4) Vinyl Chloride	2.281	62	115497	106.543	ug/l	97
5) Bromomethane	2.693	94	72630	109.272	ug/l	98
6) Chloroethane	2.834	64	75189	107.939	ug/l	92
7) Trichlorofluoromethane	3.175	101	84832	78.689	ug/l	99
8) Diethyl Ether	3.599	74	37277	114.468	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.964	101	46437	68.105	ug/l	99
10) Methyl Iodide	4.164	142	63334	72.782	ug/l	97
11) Tert butyl alcohol	5.052	59	16523	505.892	ug/l #	90
12) 1,1-Dichloroethene	3.940	96	82356	120.695	ug/l	93
13) Acrolein	3.787	56	53	Below Cal	#	15
14) Allyl chloride	4.564	41	35980	39.932	ug/l	91
15) Acrylonitrile	5.252	53	81143	533.225	ug/l	96
16) Acetone	4.022	43	102110	818.958	ug/l	91
17) Carbon Disulfide	4.269	76	204296	90.704	ug/l	100
18) Methyl Acetate	4.564	43	75575	195.227	ug/l #	85
19) Methyl tert-butyl Ether	5.316	73	163133	117.125	ug/l	96
20) Methylene Chloride	4.799	84	141197	155.750	ug/l #	87
21) trans-1,2-Dichloroethene	5.311	96	181100	236.257	ug/l	87
22) Diisopropyl ether	6.211	45	218944	109.211	ug/l #	93
23) Vinyl Acetate	6.164	43	120049	79.659	ug/l #	89
24) 1,1-Dichloroethane	6.111	63	216178	160.908	ug/l	96
25) 2-Butanone	7.087	43	146769	830.304	ug/l #	1
26) 2,2-Dichloropropane	7.075	77	90927	83.672	ug/l #	1
27) cis-1,2-Dichloroethene	7.075	96	19365871	22102.707	ug/l	98
28) Bromochloromethane	7.428	49	60481	102.661	ug/l #	68
29) Tetrahydrofuran	7.446	42	61309	559.661	ug/l #	81
30) Chloroform	7.593	83	145013	106.586	ug/l	99
31) Cyclohexane	7.875	56	49930	46.860	ug/l #	82
32) 1,1,1-Trichloroethane	7.793	97	97367	86.729	ug/l	96
36) 1,1-Dichloropropene	8.010	75	66486	46.389	ug/l	96
37) Ethyl Acetate	7.169	43	38604	65.695	ug/l #	64
38) Carbon Tetrachloride	7.993	117	62655	41.586	ug/l	94
39) Methylcyclohexane	9.275	83	38358	22.431	ug/l	93
40) Benzene	8.252	78	312269	68.598	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.393	41	22833	70.641	ug/l	#	86
42) 1,2-Dichloroethane	8.322	62	87942	81.071	ug/l		96
43) Isopropyl Acetate	8.363	43	64920	58.783	ug/l	#	82
44) Trichloroethene	9.028	130	497177	438.743	ug/l		90
45) 1,2-Dichloropropane	9.305	63	80764	72.905	ug/l		96
46) Dibromomethane	9.393	93	44785	72.924	ug/l		91
47) Bromodichloromethane	9.587	83	91247	60.510	ug/l		98
48) Methyl methacrylate	9.381	41	34799	70.408	ug/l		85
49) 1,4-Dioxane	9.387	88	9482	1490.032	ug/l		92
51) 4-Methyl-2-Pentanone	10.157	43	198113	351.360	ug/l		93
52) Toluene	10.334	92	151956	53.974	ug/l		99
53) t-1,3-Dichloropropene	10.552	75	61531	44.185	ug/l		96
54) cis-1,3-Dichloropropene	10.016	75	74680	44.583	ug/l		96
55) 1,1,2-Trichloroethane	10.728	97	56711	70.100	ug/l		95
56) Ethyl methacrylate	10.599	69	56431	58.870	ug/l	#	88
57) 1,3-Dichloropropane	10.875	76	93096	67.720	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.875	63	13979	31.622	ug/l		92
59) 2-Hexanone	10.922	43	103705	263.720	ug/l		96
60) Dibromochloromethane	11.069	129	58221	55.090	ug/l		99
61) 1,2-Dibromoethane	11.181	107	47576	62.773	ug/l		96
64) Tetrachloroethene	10.810	164	60455	81.278	ug/l		94
65) Chlorobenzene	11.604	112	146545	59.995	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.681	131	54096	67.312	ug/l		98
67) Ethyl Benzene	11.681	91	206826	51.723	ug/l		99
68) m/p-Xylenes	11.793	106	159305	100.416	ug/l		91
69) o-Xylene	12.116	106	79858	54.918	ug/l		88
70) Styrene	12.134	104	66892	26.239	ug/l	#	85
71) Bromoform	12.293	173	29708	65.389	ug/l	#	97
73) Isopropylbenzene	12.416	105	151905	73.019	ug/l		98
74) N-amyl acetate	12.234	43	9954	24.965	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	57105	162.157	ug/l		94
76) 1,2,3-Trichloropropane	12.722	75	32309m	136.353	ug/l		
77) Bromobenzene	12.698	156	45585	100.288	ug/l		86
78) n-propylbenzene	12.757	91	156712	69.159	ug/l		98
79) 2-Chlorotoluene	12.845	91	105126	83.319	ug/l		96
80) 1,3,5-Trimethylbenzene	12.898	105	117543	77.841	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.463	75	7969	64.144	ug/l		97
82) 4-Chlorotoluene	12.945	91	102226	77.719	ug/l		98
83) tert-Butylbenzene	13.163	119	92543	62.307	ug/l		95
84) 1,2,4-Trimethylbenzene	13.210	105	115914	66.979	ug/l		100
85) sec-Butylbenzene	13.340	105	104988	52.272	ug/l		99
86) p-Isopropyltoluene	13.457	119	86017	45.626	ug/l		99
87) 1,3-Dichlorobenzene	13.457	146	62097	65.952	ug/l		97
88) 1,4-Dichlorobenzene	13.534	146	61026	65.926	ug/l		98
89) n-Butylbenzene	13.787	91	53446	31.932	ug/l		98
90) Hexachloroethane	14.051	117	18737	53.337	ug/l		98
91) 1,2-Dichlorobenzene	13.828	146	58832	73.112	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.440	75	5960	127.193	ug/l		89
93) 1,2,4-Trichlorobenzene	15.098	180	14387	28.377	ug/l		97
94) Hexachlorobutadiene	15.198	225	4635	16.939	ug/l		94
95) Naphthalene	15.322	128	43986	50.126	ug/l		96
96) 1,2,3-Trichlorobenzene	15.516	180	13159	29.506	ug/l		97

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

