

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
 Data File : VD079539.D
 Acq On : 02 Aug 2024 13:47
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Aug 03 00:29:44 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

08/05/2024

Supervised By :Semsettin
 Yesilyurt

08/05/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	248995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	442023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	413014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	213018	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	126074	49.840	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.680%
35) Dibromofluoromethane	7.805	113	128286	42.879	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.760%
50) Toluene-d8	10.269	98	509079	43.817	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.640%
62) 4-Bromofluorobenzene	12.575	95	155258	46.179	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.360%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	91619	46.961	ug/l	97
3) Chloromethane	2.146	50	182859	50.869	ug/l	98
4) Vinyl Chloride	2.275	62	218000	51.005	ug/l	98
5) Bromomethane	2.675	94	118576	43.617	ug/l	98
6) Chloroethane	2.822	64	120201	43.765	ug/l	96
7) Trichlorofluoromethane	3.164	101	194334	45.719	ug/l	95
8) Diethyl Ether	3.593	74	72294	56.304	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.958	101	125625	46.729	ug/l	97
10) Methyl Iodide	4.158	142	136891	42.625	ug/l	98
11) Tert butyl alcohol	5.052	59	43988	368.560	ug/l #	80
12) 1,1-Dichloroethene	3.928	96	130165	48.382	ug/l	93
13) Acrolein	3.793	56	44647	248.717	ug/l	96
14) Allyl chloride	4.558	41	183899	51.765	ug/l #	86
15) Acrylonitrile	5.246	53	176921	294.873	ug/l	99
16) Acetone	4.016	43	150756	306.665	ug/l	98
17) Carbon Disulfide	4.264	76	412623	46.464	ug/l	99
18) Methyl Acetate	4.558	43	80390	52.670	ug/l #	85
19) Methyl tert-butyl Ether	5.316	73	316532	57.639	ug/l	97
20) Methylene Chloride	4.793	84	179139	49.211	ug/l #	85
21) trans-1,2-Dichloroethene	5.311	96	146826	48.581	ug/l	89
22) Diisopropyl ether	6.216	45	437587	55.360	ug/l #	93
23) Vinyl Acetate	6.152	43	1796126	302.280	ug/l #	91
24) 1,1-Dichloroethane	6.105	63	265825	50.183	ug/l	96
25) 2-Butanone	7.081	43	208721	299.478	ug/l	90
26) 2,2-Dichloropropane	7.075	77	201078	46.930	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	173044	50.091	ug/l	89
28) Bromochloromethane	7.428	49	122058	52.547	ug/l #	69
29) Tetrahydrofuran	7.446	42	135537	313.802	ug/l #	83
30) Chloroform	7.593	83	266108	49.608	ug/l	99
31) Cyclohexane	7.875	56	199475	47.482	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	213978	48.341	ug/l	98
36) 1,1-Dichloropropene	8.004	75	185522	45.432	ug/l	95
37) Ethyl Acetate	7.169	43	94814	56.631	ug/l	97
38) Carbon Tetrachloride	7.987	117	189459	44.135	ug/l	98
39) Methylcyclohexane	9.269	83	224409	46.059	ug/l	91
40) Benzene	8.252	78	603203	46.508	ug/l	94

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41) Methacrylonitrile	7.393	41	52874	57.413	ug/l	#	82
42) 1,2-Dichloroethane	8.322	62	152230	49.255	ug/l		94
43) Isopropyl Acetate	8.357	43	176551	56.108	ug/l	#	91
44) Trichloroethene	9.028	130	140152	43.409	ug/l		87
45) 1,2-Dichloropropane	9.304	63	152456	48.302	ug/l		100
46) Dibromomethane	9.393	93	84293	48.173	ug/l		95
47) Bromodichloromethane	9.581	83	204621	47.625	ug/l		99
48) Methyl methacrylate	9.381	41	82426	58.533	ug/l	#	80
49) 1,4-Dioxane	9.387	88	20980	1157.124	ug/l	#	85
51) 4-Methyl-2-Pentanone	10.157	43	476693	296.727	ug/l		94
52) Toluene	10.334	92	381260	47.530	ug/l		98
53) t-1,3-Dichloropropene	10.551	75	198498	50.028	ug/l		100
54) cis-1,3-Dichloropropene	10.016	75	235046	49.249	ug/l		95
55) 1,1,2-Trichloroethane	10.728	97	113879	49.405	ug/l		92
56) Ethyl methacrylate	10.598	69	155999	57.119	ug/l		91
57) 1,3-Dichloropropane	10.881	76	200809	51.268	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.869	63	350718	278.452	ug/l		90
59) 2-Hexanone	10.916	43	346857	309.580	ug/l		95
60) Dibromochloromethane	11.069	129	140951	46.810	ug/l		98
61) 1,2-Dibromoethane	11.175	107	104038	48.179	ug/l		93
64) Tetrachloroethene	10.810	164	117853	42.318	ug/l		93
65) Chlorobenzene	11.604	112	415841	45.469	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.681	131	140101	46.560	ug/l		97
67) Ethyl Benzene	11.681	91	711602	47.529	ug/l		99
68) m/p-Xylenes	11.793	106	560582	94.375	ug/l		94
69) o-Xylene	12.116	106	261401	48.011	ug/l		90
70) Styrene	12.134	104	467810	49.009	ug/l		97
71) Bromoform	12.298	173	82579	48.545	ug/l	#	99
73) Isopropylbenzene	12.416	105	666360	42.364	ug/l		99
74) N-amyl acetate	12.228	43	180504	57.611	ug/l		90
75) 1,1,2,2-Tetrachloroethane	12.669	83	139839	50.532	ug/l		94
76) 1,2,3-Trichloropropane	12.722	75	83971m	45.098	ug/l		
77) Bromobenzene	12.698	156	159304	44.600	ug/l		84
78) n-propylbenzene	12.757	91	827128	46.452	ug/l		97
79) 2-Chlorotoluene	12.845	91	457929	46.186	ug/l		95
80) 1,3,5-Trimethylbenzene	12.898	105	560739	47.256	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.463	75	50948	52.187	ug/l		99
82) 4-Chlorotoluene	12.945	91	486243	47.044	ug/l		96
83) tert-Butylbenzene	13.163	119	480013	42.360	ug/l		95
84) 1,2,4-Trimethylbenzene	13.210	105	576341	43.639	ug/l		99
85) sec-Butylbenzene	13.339	105	733692	46.487	ug/l		100
86) p-Isopropyltoluene	13.457	119	626940	42.600	ug/l		98
87) 1,3-Dichlorobenzene	13.457	146	328542	44.405	ug/l		98
88) 1,4-Dichlorobenzene	13.534	146	327168	44.977	ug/l		98
89) n-Butylbenzene	13.787	91	592714	43.509	ug/l		97
90) Hexachloroethane	14.051	117	123324	44.674	ug/l		94
91) 1,2-Dichlorobenzene	13.828	146	289596	45.798	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	19877	53.982	ug/l		87
93) 1,2,4-Trichlorobenzene	15.098	180	183679	46.104	ug/l		98
94) Hexachlorobutadiene	15.198	225	93882	43.661	ug/l		97
95) Naphthalene	15.328	128	376765	54.639	ug/l		98
96) 1,2,3-Trichlorobenzene	15.516	180	165976	47.360	ug/l		97

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

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