

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040723\
 Data File : VD075599.D
 Acq On : 07 Apr 2023 14:21
 Operator : KP/SY
 Sample : VD0407SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0407SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/10/2023
 Supervised By :Mahesh Dadoda 04/10/2023

Quant Time: Apr 10 02:04:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 23:52:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	168046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	295229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	270804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	135543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	90608	59.422	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.840%			
35) Dibromofluoromethane	7.804	113	112955	55.862	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.720%			
50) Toluene-d8	10.269	98	448357	56.130	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.260%			
62) 4-Bromofluorobenzene	12.575	95	125887	54.516	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	35595	21.241	ug/l	97
3) Chloromethane	2.152	50	61637	22.172	ug/l	100
4) Vinyl Chloride	2.287	62	84998	21.076	ug/l	97
5) Bromomethane	2.687	94	68654	21.730	ug/l	96
6) Chloroethane	2.834	64	59631	22.075	ug/l	99
7) Trichlorofluoromethane	3.175	101	68504	21.075	ug/l	91
8) Diethyl Ether	3.593	74	19480	22.450	ug/l	64
9) 1,1,2-Trichlorotrifluo...	3.975	101	42314	20.007	ug/l	95
10) Methyl Iodide	4.163	142	52614	20.853	ug/l	90
11) Tert butyl alcohol	5.046	59	7766m	110.294	ug/l	
12) 1,1-Dichloroethene	3.940	96	42017	20.117	ug/l	87
13) Acrolein	3.793	56	14546	103.821	ug/l	97
14) Allyl chloride	4.558	41	36937	20.554	ug/l #	81
15) Acrylonitrile	5.246	53	36283	114.033	ug/l	94
16) Acetone	4.022	43	32206	115.607	ug/l #	87
17) Carbon Disulfide	4.269	76	128758	20.432	ug/l	98
18) Methyl Acetate	4.563	43	18646	23.098	ug/l #	70
19) Methyl tert-butyl Ether	5.316	73	80678	22.274	ug/l	100
20) Methylene Chloride	4.805	84	60646	25.085	ug/l #	71
21) trans-1,2-Dichloroethene	5.316	96	48643	20.487	ug/l #	80
22) Diisopropyl ether	6.222	45	88003	22.593	ug/l #	89
23) Vinyl Acetate	6.157	43	205026	108.462	ug/l #	82
24) 1,1-Dichloroethane	6.116	63	73919	21.910	ug/l	97
25) 2-Butanone	7.081	43	39559	111.260	ug/l #	80
26) 2,2-Dichloropropane	7.081	77	67701	21.817	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	54186	21.297	ug/l	83
28) Bromochloromethane	7.422	49	25737	23.662	ug/l #	47
29) Tetrahydrofuran	7.446	42	20726	107.104	ug/l #	52
30) Chloroform	7.599	83	84266	22.489	ug/l	100
31) Cyclohexane	7.875	56	52193	19.217	ug/l #	71
32) 1,1,1-Trichloroethane	7.799	97	69322	21.099	ug/l	94
36) 1,1-Dichloropropene	8.004	75	58641	19.570	ug/l	93
37) Ethyl Acetate	7.175	43	17439	22.336	ug/l #	80
38) Carbon Tetrachloride	7.993	117	54944	19.136	ug/l	96
39) Methylcyclohexane	9.275	83	66931	17.716	ug/l	92
40) Benzene	8.246	78	193065	21.499	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	8591	20.881	ug/l #	57
42) 1,2-Dichloroethane	8.328	62	44160	22.340	ug/l	91
43) Isopropyl Acetate	8.357	43	32013	22.159	ug/l #	76
44) Trichloroethene	9.028	130	52619	19.937	ug/l	93
45) 1,2-Dichloropropane	9.310	63	41278	21.382	ug/l	99
46) Dibromomethane	9.398	93	26029	21.876	ug/l	92
47) Bromodichloromethane	9.581	83	63744	22.124	ug/l	97
48) Methyl methacrylate	9.381	41	13770	20.289	ug/l #	58
49) 1,4-Dioxane	9.387	88	4693	434.794	ug/l #	79
51) 4-Methyl-2-Pentanone	10.157	43	82491	109.792	ug/l #	80
52) Toluene	10.334	92	121971	20.960	ug/l	93
53) t-1,3-Dichloropropene	10.551	75	56536	21.813	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	68309	21.460	ug/l #	79
55) 1,1,2-Trichloroethane	10.734	97	37035	21.987	ug/l	96
56) Ethyl methacrylate	10.598	69	34091	21.257	ug/l #	67
57) 1,3-Dichloropropane	10.881	76	55921	21.573	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	85375	108.773	ug/l #	84
59) 2-Hexanone	10.922	43	57106	107.477	ug/l	74
60) Dibromochloromethane	11.075	129	43228	21.722	ug/l	97
61) 1,2-Dibromoethane	11.181	107	34835	21.959	ug/l	99
64) Tetrachloroethene	10.810	164	42801	20.027	ug/l	93
65) Chlorobenzene	11.610	112	131886	20.535	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	46974	21.349	ug/l	96
67) Ethyl Benzene	11.687	91	215471	19.481	ug/l	99
68) m/p-Xylenes	11.792	106	177901	40.018	ug/l	93
69) o-Xylene	12.122	106	78720	19.067	ug/l	97
70) Styrene	12.134	104	140983	20.529	ug/l	94
71) Bromoform	12.304	173	24284	21.615	ug/l #	99
73) Isopropylbenzene	12.422	105	203802	18.776	ug/l	99
74) N-amyl acetate	12.234	43	28242	21.004	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.675	83	39894	21.671	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	21587m	19.419	ug/l	
77) Bromobenzene	12.704	156	51552	19.977	ug/l	92
78) n-propylbenzene	12.763	91	255081	19.340	ug/l	98
79) 2-Chlorotoluene	12.851	91	142024	19.872	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	173571	19.500	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	10981	20.778	ug/l #	71
82) 4-Chlorotoluene	12.945	91	153230	20.778	ug/l	96
83) tert-Butylbenzene	13.169	119	141939	18.348	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	174115	20.240	ug/l	96
85) sec-Butylbenzene	13.345	105	224689	18.761	ug/l	99
86) p-Isopropyltoluene	13.463	119	184871	18.891	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	107467	20.147	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	107174	20.311	ug/l	99
89) n-Butylbenzene	13.786	91	170044	18.946	ug/l	98
90) Hexachloroethane	14.051	117	37502	19.845	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	92296	20.447	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4792	20.685	ug/l	78
93) 1,2,4-Trichlorobenzene	15.098	180	49789	18.914	ug/l	97
94) Hexachlorobutadiene	15.204	225	23096	18.396	ug/l	98
95) Naphthalene	15.333	128	88245	18.261	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	43451	19.129	ug/l	98

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

