

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076929.D
 Acq On : 07 Aug 2023 14:19
 Operator : KP/SY
 Sample : VD0807SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/08/2023
 Supervised By :Mahesh Dadoda 08/08/2023

Quant Time: Aug 08 04:39:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	160653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	284877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	264705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	131427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80650	50.401	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.800%			
35) Dibromofluoromethane	7.804	113	98751	55.162	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.320%			
50) Toluene-d8	10.269	98	325825	50.877	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.760%			
62) 4-Bromofluorobenzene	12.575	95	115677	55.835	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	22583	17.976	ug/l	99
3) Chloromethane	2.146	50	35370	16.321	ug/l	96
4) Vinyl Chloride	2.275	62	49460	17.121	ug/l	94
5) Bromomethane	2.669	94	43970	18.499	ug/l	100
6) Chloroethane	2.822	64	41301	18.936	ug/l	94
7) Trichlorofluoromethane	3.163	101	53137	20.672	ug/l	95
8) Diethyl Ether	3.593	74	15371	17.368	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.952	101	36460	21.578	ug/l	97
10) Methyl Iodide	4.157	142	31959	16.779	ug/l #	88
11) Tert butyl alcohol	5.057	59	12734	106.645	ug/l	97
12) 1,1-Dichloroethene	3.934	96	28656	18.051	ug/l	87
13) Acrolein	3.805	56	7584	93.203	ug/l #	62
14) Allyl chloride	4.552	41	36848	17.669	ug/l	94
15) Acrylonitrile	5.257	53	40745	93.736	ug/l	99
16) Acetone	4.022	43	36367	95.164	ug/l #	85
17) Carbon Disulfide	4.257	76	48644	13.119	ug/l	99
18) Methyl Acetate	4.569	43	28269	19.689	ug/l	92
19) Methyl tert-butyl Ether	5.310	73	78514	18.443	ug/l	96
20) Methylene Chloride	4.793	84	87603	35.514	ug/l	87
21) trans-1,2-Dichloroethene	5.310	96	32651	17.694	ug/l	91
22) Diisopropyl ether	6.216	45	96507	19.543	ug/l	93
23) Vinyl Acetate	6.157	43	214203m	87.667	ug/l	
24) 1,1-Dichloroethane	6.104	63	68499	20.573	ug/l	99
25) 2-Butanone	7.081	43	49862	97.491	ug/l	88
26) 2,2-Dichloropropane	7.075	77	59160	20.612	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	44582	19.598	ug/l	94
28) Bromochloromethane	7.434	49	17582	21.121	ug/l	91
29) Tetrahydrofuran	7.451	42	26914	89.065	ug/l	94
30) Chloroform	7.598	83	77645	21.291	ug/l	95
31) Cyclohexane	7.869	56	38841	16.493	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	63824	21.692	ug/l	99
36) 1,1-Dichloropropene	8.004	75	45832	19.592	ug/l	98
37) Ethyl Acetate	7.163	43	19238	18.389	ug/l	100
38) Carbon Tetrachloride	7.993	117	49221	21.975	ug/l	95
39) Methylcyclohexane	9.275	83	47375	17.539	ug/l #	89
40) Benzene	8.245	78	148207	20.079	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	12668	19.830	ug/l	90
42) 1,2-Dichloroethane	8.322	62	42888	22.363	ug/l	97
43) Isopropyl Acetate	8.363	43	36899	18.073	ug/l #	82
44) Trichloroethene	9.028	130	40379	20.076	ug/l	88
45) 1,2-Dichloropropane	9.304	63	40255	21.128	ug/l	95
46) Dibromomethane	9.392	93	23170	20.776	ug/l	89
47) Bromodichloromethane	9.581	83	59503	21.261	ug/l	97
48) Methyl methacrylate	9.381	41	17325	18.644	ug/l	84
49) 1,4-Dioxane	9.392	88	5122	358.465	ug/l	95
51) 4-Methyl-2-Pentanone	10.163	43	105047	96.635	ug/l	93
52) Toluene	10.334	92	95228	19.644	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	53452	20.577	ug/l	100
54) cis-1,3-Dichloropropene	10.022	75	62059	20.271	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	35623	21.874	ug/l	93
56) Ethyl methacrylate	10.598	69	35535	18.905	ug/l	92
57) 1,3-Dichloropropane	10.881	76	53595	20.208	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	72610	99.797	ug/l	99
59) 2-Hexanone	10.922	43	75861	97.802	ug/l	91
60) Dibromochloromethane	11.075	129	41351	21.857	ug/l	97
61) 1,2-Dibromoethane	11.181	107	31104	20.601	ug/l	97
64) Tetrachloroethene	10.810	164	30997	20.536	ug/l #	82
65) Chlorobenzene	11.604	112	112679	21.165	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	42475	21.430	ug/l	97
67) Ethyl Benzene	11.686	91	184891	19.775	ug/l	96
68) m/p-Xylenes	11.792	106	144298	40.186	ug/l	92
69) o-Xylene	12.122	106	69155	19.916	ug/l	91
70) Styrene	12.139	104	122520	20.156	ug/l	98
71) Bromoform	12.298	173	23937	22.051	ug/l #	94
73) Isopropylbenzene	12.422	105	184074	19.304	ug/l	95
74) N-amyl acetate	12.234	43	37993	18.913	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	42704	20.859	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	26938m	21.553	ug/l	
77) Bromobenzene	12.704	156	43460	19.746	ug/l	88
78) n-propylbenzene	12.763	91	230877	19.972	ug/l	96
79) 2-Chlorotoluene	12.851	91	123112	19.423	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	155076	20.113	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	11757	20.020	ug/l	95
82) 4-Chlorotoluene	12.945	91	133553	20.169	ug/l	95
83) tert-Butylbenzene	13.169	119	134740	19.848	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	154415	19.598	ug/l	97
85) sec-Butylbenzene	13.345	105	210852	20.329	ug/l	96
86) p-Isopropyltoluene	13.463	119	170823	19.942	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	92661	20.468	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	94293	21.259	ug/l	98
89) n-Butylbenzene	13.786	91	165035	19.689	ug/l	97
90) Hexachloroethane	14.051	117	35238	22.251	ug/l	86
91) 1,2-Dichlorobenzene	13.833	146	82550	20.694	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4862	16.656	ug/l	83
93) 1,2,4-Trichlorobenzene	15.098	180	51000	20.942	ug/l	95
94) Hexachlorobutadiene	15.204	225	24755	21.135	ug/l	99
95) Naphthalene	15.333	128	98369	18.655	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	44899	20.545	ug/l	98

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

