

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030823\
 Data File : VD075469.D
 Acq On : 08 Mar 2023 14:36
 Operator : KP/SY
 Sample : VD0308SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023

Quant Time: Mar 09 02:15:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 08 12:19:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	233190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	399208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	355269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	175038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	81418	54.639	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.280%			
35) Dibromofluoromethane	7.810	113	110411	47.731	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.460%			
50) Toluene-d8	10.269	98	379752	45.338	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 90.680%			
62) 4-Bromofluorobenzene	12.575	95	120039	47.392	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	48190	20.952	ug/l	91
3) Chloromethane	2.152	50	81196	20.980	ug/l	99
4) Vinyl Chloride	2.287	62	116891	21.223	ug/l	95
5) Bromomethane	2.693	94	90927	20.452	ug/l	97
6) Chloroethane	2.840	64	77749	21.282	ug/l	95
7) Trichlorofluoromethane	3.181	101	89474	20.787	ug/l	98
8) Diethyl Ether	3.599	74	23430	20.136	ug/l	67
9) 1,1,2-Trichlorotrifluo...	3.975	101	58539	20.793	ug/l	94
10) Methyl Iodide	4.164	142	66858	21.479	ug/l	92
11) Tert butyl alcohol	5.046	59	8502m	88.244	ug/l	
12) 1,1-Dichloroethene	3.946	96	57506	20.678	ug/l	86
13) Acrolein	3.799	56	21312	95.549	ug/l	98
14) Allyl chloride	4.575	41	50423	20.595	ug/l #	82
15) Acrylonitrile	5.252	53	43623	101.170	ug/l	95
16) Acetone	4.022	43	34496	91.838	ug/l	91
17) Carbon Disulfide	4.275	76	182820	20.614	ug/l	97
18) Methyl Acetate	4.569	43	22716	20.143	ug/l #	66
19) Methyl tert-butyl Ether	5.316	73	94753	19.970	ug/l	100
20) Methylene Chloride	4.805	84	77015	22.696	ug/l #	73
21) trans-1,2-Dichloroethene	5.316	96	62724	20.204	ug/l #	76
22) Diisopropyl ether	6.216	45	106664	20.579	ug/l #	89
23) Vinyl Acetate	6.158	43	251853	98.678	ug/l #	84
24) 1,1-Dichloroethane	6.116	63	91800	20.487	ug/l	98
25) 2-Butanone	7.087	43	43429	89.379	ug/l #	69
26) 2,2-Dichloropropane	7.081	77	83400	20.576	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	68668	20.561	ug/l	82
28) Bromochloromethane	7.428	49	30439	20.302	ug/l #	51
29) Tetrahydrofuran	7.446	42	24116	89.729	ug/l #	53
30) Chloroform	7.599	83	102975	21.121	ug/l	97
31) Cyclohexane	7.881	56	78977	21.100	ug/l #	76
32) 1,1,1-Trichloroethane	7.793	97	89943	20.849	ug/l	95
36) 1,1-Dichloropropene	8.010	75	79489	20.349	ug/l	94
37) Ethyl Acetate	7.169	43	18889	18.751	ug/l #	74
38) Carbon Tetrachloride	7.993	117	74320	20.544	ug/l	96
39) Methylcyclohexane	9.281	83	96064	19.617	ug/l	90
40) Benzene	8.252	78	237769	20.953	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	11684	21.708	ug/l #	68
42) 1,2-Dichloroethane	8.334	62	53018	20.796	ug/l	91
43) Isopropyl Acetate	8.363	43	37577	19.525	ug/l #	90
44) Trichloroethene	9.028	130	67794	20.236	ug/l	93
45) 1,2-Dichloropropane	9.304	63	52681	21.098	ug/l	91
46) Dibromomethane	9.399	93	30656	20.278	ug/l	93
47) Bromodichloromethane	9.587	83	76925	21.106	ug/l	99
48) Methyl methacrylate	9.381	41	17233	18.966	ug/l #	56
49) 1,4-Dioxane	9.393	88	4964	346.249	ug/l #	76
51) 4-Methyl-2-Pentanone	10.163	43	91927	93.434	ug/l #	78
52) Toluene	10.334	92	153228	20.844	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	67311	20.358	ug/l	97
54) cis-1,3-Dichloropropene	10.022	75	84220	20.667	ug/l #	74
55) 1,1,2-Trichloroethane	10.734	97	43027	20.411	ug/l	92
56) Ethyl methacrylate	10.598	69	41227	19.676	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	68268	20.422	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	102565	99.570	ug/l #	87
59) 2-Hexanone	10.922	43	63542	91.548	ug/l	74
60) Dibromochloromethane	11.075	129	49702	19.779	ug/l	98
61) 1,2-Dibromoethane	11.181	107	40216	20.201	ug/l	97
64) Tetrachloroethene	10.810	164	54551	20.149	ug/l	95
65) Chlorobenzene	11.610	112	161643	20.425	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	53616	19.960	ug/l	92
67) Ethyl Benzene	11.687	91	274664	20.324	ug/l	99
68) m/p-Xylenes	11.798	106	224382	40.774	ug/l	92
69) o-Xylene	12.122	106	100650	20.117	ug/l	95
70) Styrene	12.140	104	171425	20.205	ug/l	94
71) Bromoform	12.304	173	28042	20.271	ug/l #	100
73) Isopropylbenzene	12.422	105	261919	20.092	ug/l	98
74) N-amyl acetate	12.234	43	31680	18.984	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.675	83	43805	19.687	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	33397m	24.084	ug/l	
77) Bromobenzene	12.704	156	61136	19.998	ug/l	91
78) n-propylbenzene	12.769	91	325341	20.591	ug/l	99
79) 2-Chlorotoluene	12.851	91	171822	20.124	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	216359	20.310	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.475	75	13145	19.665	ug/l #	69
82) 4-Chlorotoluene	12.951	91	182983	20.683	ug/l	95
83) tert-Butylbenzene	13.169	119	179685	19.675	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	214547	20.456	ug/l	96
85) sec-Butylbenzene	13.351	105	289064	20.372	ug/l	99
86) p-Isopropyltoluene	13.463	119	238307	20.208	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	128401	20.214	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	123324	19.697	ug/l	99
89) n-Butylbenzene	13.792	91	218933	19.979	ug/l	98
90) Hexachloroethane	14.057	117	46137	20.166	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	106575	19.614	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5602	19.167	ug/l	80
93) 1,2,4-Trichlorobenzene	15.104	180	59186	19.343	ug/l	99
94) Hexachlorobutadiene	15.210	225	31200	20.154	ug/l	94
95) Naphthalene	15.334	128	103782	18.064	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	51336	19.341	ug/l	96

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

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