

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020723\
 Data File : VD075261.D
 Acq On : 07 Feb 2023 15:37
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD020723

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

Quant Time: Feb 08 04:31:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:25:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	62384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	99954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	90738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	44376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	34021	46.508	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.020%		
35) Dibromofluoromethane	7.805	113	34456	49.161	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.320%		
50) Toluene-d8	10.269	98	125297	47.140	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.280%		
62) 4-Bromofluorobenzene	12.575	95	42417	48.398	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	23673	46.942	ug/l	97
3) Chloromethane	2.146	50	39169	44.749	ug/l	96
4) Vinyl Chloride	2.281	62	44112	42.503	ug/l	94
5) Bromomethane	2.693	94	30934	46.584	ug/l	99
6) Chloroethane	2.834	64	31647	44.201	ug/l	98
7) Trichlorofluoromethane	3.175	101	58091	45.016	ug/l	96
8) Diethyl Ether	3.593	74	16537	47.671	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.970	101	34950	47.727	ug/l	98
10) Methyl Iodide	4.170	142	42425	47.901	ug/l	95
11) Tert butyl alcohol	5.058	59	10263	237.320	ug/l	99
12) 1,1-Dichloroethene	3.946	96	33085	47.384	ug/l	97
13) Acrolein	3.793	56	4710	200.824	ug/l	92
14) Allyl chloride	4.558	41	56173	48.354	ug/l	95
15) Acrylonitrile	5.258	53	39602	246.273	ug/l	98
16) Acetone	4.022	43	53118	274.619	ug/l	96
17) Carbon Disulfide	4.270	76	95301	44.242	ug/l	96
18) Methyl Acetate	4.558	43	23999	46.468	ug/l	98
19) Methyl tert-butyl Ether	5.317	73	79237	49.429	ug/l	97
20) Methylene Chloride	4.805	84	41453	50.986	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	36767	46.534	ug/l	97
22) Diisopropyl ether	6.216	45	114563	49.580	ug/l	99
23) Vinyl Acetate	6.158	43	234725m	297.184	ug/l	
24) 1,1-Dichloroethane	6.111	63	67635	46.948	ug/l	99
25) 2-Butanone	7.081	43	60851	253.897	ug/l	98
26) 2,2-Dichloropropane	7.075	77	63421	49.735	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	42733	48.342	ug/l	98
28) Bromochloromethane	7.428	49	17838	49.590	ug/l	98
29) Tetrahydrofuran	7.446	42	31429	243.526	ug/l	96
30) Chloroform	7.599	83	68925	46.483	ug/l	89
31) Cyclohexane	7.875	56	58323	44.901	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	63631	47.975	ug/l	99
36) 1,1-Dichloropropene	8.011	75	53446	48.953	ug/l	98
37) Ethyl Acetate	7.169	43	22775	47.830	ug/l	98
38) Carbon Tetrachloride	7.993	117	51467	50.872	ug/l	92
39) Methylcyclohexane	9.275	83	62016	49.073	ug/l	97
40) Benzene	8.252	78	146835	47.852	ug/l	98

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41) Methacrylonitrile	7.399	41	13680	48.160	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	43001	48.403	ug/l	98
43) Isopropyl Acetate	8.363	43	45484	49.991	ug/l	97
44) Trichloroethene	9.028	130	39684	46.916	ug/l	96
45) 1,2-Dichloropropane	9.305	63	37426	48.025	ug/l	97
46) Dibromomethane	9.393	93	20317	47.045	ug/l	98
47) Bromodichloromethane	9.581	83	52711	49.042	ug/l	91
48) Methyl methacrylate	9.381	41	22138	51.234	ug/l	95
49) 1,4-Dioxane	9.381	88	3961	962.520	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	116605	253.503	ug/l	96
52) Toluene	10.334	92	95311	49.314	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	49519	53.189	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	57388	51.557	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	27951	50.701	ug/l	98
56) Ethyl methacrylate	10.599	69	33198	51.799	ug/l	93
57) 1,3-Dichloropropane	10.881	76	45976	48.956	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	50885	270.063	ug/l	98
59) 2-Hexanone	10.922	43	87262	259.669	ug/l	96
60) Dibromochloromethane	11.075	129	34250	50.145	ug/l	99
61) 1,2-Dibromoethane	11.181	107	26133	49.161	ug/l	98
64) Tetrachloroethene	10.810	164	32695	46.784	ug/l	95
65) Chlorobenzene	11.610	112	98427	48.100	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	36199	48.588	ug/l	98
67) Ethyl Benzene	11.687	91	183772	48.644	ug/l	100
68) m/p-Xylenes	11.799	106	140250	97.595	ug/l	98
69) o-Xylene	12.122	106	66402	49.468	ug/l	97
70) Styrene	12.140	104	110724	48.695	ug/l	98
71) Bromoform	12.304	173	20240	50.577	ug/l #	95
73) Isopropylbenzene	12.422	105	179491	49.929	ug/l	98
74) N-amyl acetate	12.234	43	41535	51.415	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	31097	49.720	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	22729m	45.093	ug/l	
77) Bromobenzene	12.704	156	38778	47.636	ug/l	95
78) n-propylbenzene	12.763	91	220976	49.400	ug/l	98
79) 2-Chlorotoluene	12.851	91	117358	47.830	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	149041	49.792	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	8190	52.627	ug/l	88
82) 4-Chlorotoluene	12.951	91	124250	48.544	ug/l	100
83) tert-Butylbenzene	13.169	119	129260	50.090	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	146784	49.097	ug/l	99
85) sec-Butylbenzene	13.346	105	195516	49.388	ug/l	99
86) p-Isopropyltoluene	13.463	119	160282	49.494	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	78949	47.983	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	79853	48.502	ug/l	100
89) n-Butylbenzene	13.793	91	156188	49.402	ug/l	99
90) Hexachloroethane	14.057	117	31072	48.669	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	70282	49.230	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5016	51.706	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	44200	49.434	ug/l	97
94) Hexachlorobutadiene	15.204	225	23665	50.166	ug/l	99
95) Naphthalene	15.334	128	84384	50.705	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	38568	49.993	ug/l	98

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

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