

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010923\
 Data File : VD075094.D
 Acq On : 09 Jan 2023 15:16
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD010923

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/10/2023
 Supervised By :Mahesh Dadoda 01/10/2023

Quant Time: Jan 10 03:41:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	97766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	168752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	146604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	63599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48883	49.873	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.740%		
35) Dibromofluoromethane	7.810	113	52042	49.027	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.060%		
50) Toluene-d8	10.269	98	197203	46.854	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.700%		
62) 4-Bromofluorobenzene	12.575	95	63721	47.168	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.340%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	22203	48.595	ug/l	97
3) Chloromethane	2.146	50	33142	47.245	ug/l	96
4) Vinyl Chloride	2.281	62	38790	46.580	ug/l	97
5) Bromomethane	2.693	94	27014	50.274	ug/l	99
6) Chloroethane	2.834	64	30736	48.671	ug/l	90
7) Trichlorofluoromethane	3.175	101	61104	47.424	ug/l	94
8) Diethyl Ether	3.593	74	21607	48.319	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.975	101	42864	47.952	ug/l	98
10) Methyl Iodide	4.164	142	45606	50.537	ug/l	99
11) Tert butyl alcohol	5.046	59	15844	256.070	ug/l	97
12) 1,1-Dichloroethene	3.940	96	39294	47.401	ug/l	96
13) Acrolein	3.805	56	19179	241.016	ug/l	100
14) Allyl chloride	4.564	41	70811	49.897	ug/l	99
15) Acrylonitrile	5.258	53	55313	239.948	ug/l	99
16) Acetone	4.017	43	64628	278.280	ug/l	96
17) Carbon Disulfide	4.275	76	70018	48.736	ug/l #	95
18) Methyl Acetate	4.569	43	27652	47.150	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	107510	49.517	ug/l	98
20) Methylene Chloride	4.805	84	55430	48.673	ug/l	93
21) trans-1,2-Dichloroethene	5.316	96	42828	47.118	ug/l	99
22) Diisopropyl ether	6.216	45	152624	50.247	ug/l	96
23) Vinyl Acetate	6.158	43	314556m	282.826	ug/l	
24) 1,1-Dichloroethane	6.116	63	90169	49.364	ug/l	99
25) 2-Butanone	7.081	43	76974	250.209	ug/l	98
26) 2,2-Dichloropropane	7.075	77	80605	49.203	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	57360	49.983	ug/l	99
28) Bromochloromethane	7.434	49	31111	49.105	ug/l	98
29) Tetrahydrofuran	7.446	42	40331	233.031	ug/l	98
30) Chloroform	7.599	83	92659	50.060	ug/l	99
31) Cyclohexane	7.875	56	63004	51.258	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	79027	49.758	ug/l	96
36) 1,1-Dichloropropene	8.010	75	61200	46.599	ug/l	99
37) Ethyl Acetate	7.169	43	31307	48.609	ug/l	97
38) Carbon Tetrachloride	7.993	117	56141	48.792	ug/l	96
39) Methylcyclohexane	9.275	83	67838	44.659	ug/l	98
40) Benzene	8.252	78	184996	47.212	ug/l	98

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41) Methacrylonitrile	7.405	41	19558	43.495	ug/l	99
42) 1,2-Dichloroethane	8.328	62	52478	47.789	ug/l	99
43) Isopropyl Acetate	8.363	43	60794	48.103	ug/l	100
44) Trichloroethene	9.028	130	52107	46.268	ug/l	93
45) 1,2-Dichloropropane	9.304	63	50557	47.350	ug/l	99
46) Dibromomethane	9.393	93	25864	47.930	ug/l	99
47) Bromodichloromethane	9.587	83	68385	48.529	ug/l	95
48) Methyl methacrylate	9.381	41	27640	48.539	ug/l	96
49) 1,4-Dioxane	9.387	88	5534	941.676	ug/l #	91
51) 4-Methyl-2-Pentanone	10.163	43	152666	239.219	ug/l	99
52) Toluene	10.334	92	118538	46.662	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	62632	48.630	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	76586	48.550	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	37071	47.169	ug/l	92
56) Ethyl methacrylate	10.599	69	46360	48.834	ug/l	99
57) 1,3-Dichloropropane	10.881	76	63908	48.950	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	84465	235.669	ug/l	99
59) 2-Hexanone	10.922	43	109874	246.129	ug/l	97
60) Dibromochloromethane	11.075	129	45056	48.417	ug/l	99
61) 1,2-Dibromoethane	11.181	107	32903	46.110	ug/l	98
64) Tetrachloroethene	10.810	164	41374	44.010	ug/l	97
65) Chlorobenzene	11.610	112	131039	47.488	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	47498	48.713	ug/l	98
67) Ethyl Benzene	11.687	91	233627	47.547	ug/l	100
68) m/p-Xylenes	11.793	106	177140	93.528	ug/l	99
69) o-Xylene	12.122	106	86420	47.080	ug/l	99
70) Styrene	12.140	104	143571	46.799	ug/l	99
71) Bromoform	12.304	173	25576	48.803	ug/l #	98
73) Isopropylbenzene	12.422	105	233982	49.205	ug/l	100
74) N-amyl acetate	12.234	43	53058	49.123	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	41391	50.788	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	29265m	48.225	ug/l	
77) Bromobenzene	12.704	156	52705	50.629	ug/l	95
78) n-propylbenzene	12.763	91	279763	49.054	ug/l	99
79) 2-Chlorotoluene	12.851	91	152387	48.619	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	187607	48.631	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.475	75	11222	49.111	ug/l	100
82) 4-Chlorotoluene	12.951	91	156200	48.652	ug/l	99
83) tert-Butylbenzene	13.169	119	168885	49.603	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	180746	48.480	ug/l	99
85) sec-Butylbenzene	13.345	105	253966	49.229	ug/l	99
86) p-Isopropyltoluene	13.463	119	203143	48.749	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	100367	48.423	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	100843	48.114	ug/l	98
89) n-Butylbenzene	13.792	91	201199	49.093	ug/l	99
90) Hexachloroethane	14.057	117	36188	49.821	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	89248	48.108	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6115	46.658	ug/l	94
93) 1,2,4-Trichlorobenzene	15.104	180	59391	49.510	ug/l	100
94) Hexachlorobutadiene	15.210	225	29392	49.151	ug/l	97
95) Naphthalene	15.334	128	115937	49.220	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	50981	49.201	ug/l	99

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

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