

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110222\
 Data File : VD074700.D
 Acq On : 02 Nov 2022 13:02
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

Quant Time: Nov 03 01:42:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 01:37:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	139527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	234911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	214806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	12012	10.870	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.740%#		
35) Dibromofluoromethane	7.805	113	14085	10.136	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.280%#		
50) Toluene-d8	10.269	98	54231	10.699	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	21.400%#		
62) 4-Bromofluorobenzene	12.569	95	15446	10.554	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	21.100%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	12164	10.615	ug/l	88
3) Chloromethane	2.146	50	20458	11.187	ug/l	96
4) Vinyl Chloride	2.281	62	20101	10.023	ug/l	99
5) Bromomethane	2.681	94	15440	10.161	ug/l	96
6) Chloroethane	2.828	64	13904	10.003	ug/l	95
7) Trichlorofluoromethane	3.169	101	22731	9.757	ug/l	96
8) Diethyl Ether	3.587	74	6615	9.719	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	15157	10.242	ug/l	94
10) Methyl Iodide	4.158	142	11310	7.101	ug/l	94
11) Tert butyl alcohol	5.028	59	13248	67.645	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	14668	9.758	ug/l	89
13) Acrolein	3.799	56	4472	58.798	ug/l	99
14) Allyl chloride	4.552	41	15094	9.491	ug/l	98
15) Acrylonitrile	5.252	53	13664	50.805	ug/l	97
16) Acetone	4.022	43	10849	47.045	ug/l	96
17) Carbon Disulfide	4.264	76	43044	9.496	ug/l #	95
18) Methyl Acetate	4.558	43	7548	10.824	ug/l	95
19) Methyl tert-butyl Ether	5.322	73	27914	9.765	ug/l	99
20) Methylene Chloride	4.799	84	39011	13.171	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	16452	9.958	ug/l	88
22) Diisopropyl ether	6.210	45	31992	9.746	ug/l	94
23) Vinyl Acetate	6.152	43	58844m	42.183	ug/l	
24) 1,1-Dichloroethane	6.105	63	25540	10.172	ug/l	97
25) 2-Butanone	7.081	43	15779	49.763	ug/l	98
26) 2,2-Dichloropropane	7.075	77	23548	10.193	ug/l	98
27) cis-1,2-Dichloroethene	7.087	96	18090	9.927	ug/l	98
28) Bromochloromethane	7.428	49	7908	9.981	ug/l #	99
29) Tetrahydrofuran	7.440	42	8832	48.568	ug/l	97
30) Chloroform	7.599	83	27503	10.254	ug/l	98
31) Cyclohexane	7.875	56	22600	10.101	ug/l #	93
32) 1,1,1-Trichloroethane	7.793	97	23483	9.911	ug/l	98
36) 1,1-Dichloropropene	8.005	75	20550	9.743	ug/l	100
37) Ethyl Acetate	7.163	43	6728	9.562	ug/l #	97
38) Carbon Tetrachloride	7.987	117	18434	9.225	ug/l	88
39) Methylcyclohexane	9.275	83	23612	9.201	ug/l	93
40) Benzene	8.246	78	61409	9.850	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	3040	8.776	ug/l #	89
42) 1,2-Dichloroethane	8.322	62	14348	10.011	ug/l	97
43) Isopropyl Acetate	8.363	43	12863	9.825	ug/l	95
44) Trichloroethene	9.028	130	17806	10.025	ug/l	88
45) 1,2-Dichloropropane	9.304	63	13991	10.147	ug/l	93
46) Dibromomethane	9.393	93	8010	10.025	ug/l	98
47) Bromodichloromethane	9.587	83	19305	10.035	ug/l	94
48) Methyl methacrylate	9.381	41	6011	10.303	ug/l	94
49) 1,4-Dioxane	9.381	88	1471	182.550	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	31812	50.106	ug/l	95
52) Toluene	10.334	92	38915	10.195	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	16595	9.754	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	20121	9.425	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	11124	10.248	ug/l	98
56) Ethyl methacrylate	10.598	69	11822	9.741	ug/l	96
57) 1,3-Dichloropropane	10.881	76	18058	10.326	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	10956	34.472	ug/l	99
59) 2-Hexanone	10.922	43	21267	48.695	ug/l	99
60) Dibromochloromethane	11.075	129	13220	10.201	ug/l	99
61) 1,2-Dibromoethane	11.175	107	10406	10.172	ug/l	96
64) Tetrachloroethene	10.810	164	15250	10.050	ug/l	96
65) Chlorobenzene	11.604	112	42635	10.022	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	14317	9.920	ug/l	94
67) Ethyl Benzene	11.681	91	71130	9.436	ug/l	99
68) m/p-Xylenes	11.793	106	57352	19.163	ug/l	98
69) o-Xylene	12.122	106	25625	9.313	ug/l	97
70) Styrene	12.134	104	43725	9.380	ug/l	98
71) Bromoform	12.298	173	7626	9.866	ug/l #	92
73) Isopropylbenzene	12.422	105	68070	9.037	ug/l	97
74) N-amyl acetate	12.234	43	10938	8.940	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	12400	9.797	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	8115m	10.052	ug/l	
77) Bromobenzene	12.698	156	16855	9.718	ug/l	96
78) n-propylbenzene	12.763	91	83562	9.261	ug/l	100
79) 2-Chlorotoluene	12.845	91	45934	9.454	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	55678	9.060	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	2686	7.978	ug/l	96
82) 4-Chlorotoluene	12.945	91	46778	9.256	ug/l	98
83) tert-Butylbenzene	13.169	119	47755	8.818	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	55230	9.108	ug/l	96
85) sec-Butylbenzene	13.345	105	75895	9.289	ug/l	99
86) p-Isopropyltoluene	13.457	119	62807	9.127	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	34595	9.620	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	34772	9.836	ug/l	98
89) n-Butylbenzene	13.787	91	57461	9.131	ug/l	97
90) Hexachloroethane	14.051	117	10891	9.232	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	30164	9.848	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.439	75	1716	9.808	ug/l	94
93) 1,2,4-Trichlorobenzene	15.092	180	17965	9.499	ug/l	99
94) Hexachlorobutadiene	15.198	225	9214	9.313	ug/l	96
95) Naphthalene	15.328	128	32859	9.046	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	16171	9.717	ug/l	98

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

