

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110921\
 Data File : VD070944.D
 Acq On : 09 Nov 2021 10:04
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 10 03:41:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:40:32 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	429181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	747559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	668105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	299616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	22011	4.817	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	9.640%#		
35) Dibromofluoromethane	7.909	113	20975	4.972	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.940%#		
50) Toluene-d8	10.332	98	83873	5.077	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	10.160%#		
62) 4-Bromofluorobenzene	12.620	95	31407	5.280	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.560%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	20452	5.578	ug/l	96
3) Chloromethane	2.209	50	24258	5.560	ug/l	99
4) Vinyl Chloride	2.350	62	21884	5.215	ug/l	90
5) Bromomethane	2.768	94	18199	6.363	ug/l	84
6) Chloroethane	2.927	64	14572	5.407	ug/l #	83
7) Trichlorofluoromethane	3.268	101	36465	5.399	ug/l	92
8) Diethyl Ether	3.721	74	11919	5.333	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.097	101	22873	5.494	ug/l	96
10) Methyl Iodide	4.297	142	15317	3.750	ug/l	98
11) Tert butyl alcohol	5.215	59	10722	32.106	ug/l	100
12) 1,1-Dichloroethene	4.068	96	21938	5.383	ug/l #	80
13) Acrolein	3.921	56	3788	32.985	ug/l	99
14) Allyl chloride	4.715	41	43741	5.153	ug/l #	82
15) Acrylonitrile	5.415	53	27715	25.914	ug/l	98
16) Acetone	4.156	43	35744	31.206	ug/l #	86
17) Carbon Disulfide	4.403	76	69756	5.301	ug/l	100
18) Methyl Acetate	4.715	43	20671	5.273	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	54953	5.223	ug/l	94
20) Methylene Chloride	4.962	84	41527	7.273	ug/l	93
21) trans-1,2-Dichloroethene	5.479	96	25430	5.444	ug/l	99
22) Diisopropyl ether	6.362	45	89256	5.289	ug/l	94
23) Vinyl Acetate	6.309	43	197356	24.354	ug/l #	93
24) 1,1-Dichloroethane	6.268	63	48845	5.419	ug/l	95
25) 2-Butanone	7.209	43	39307	27.097	ug/l #	84
26) 2,2-Dichloropropane	7.209	77	41423	5.445	ug/l	99
27) cis-1,2-Dichloroethene	7.215	96	29551	5.534	ug/l	96
28) Bromochloromethane	7.544	49	16404	4.291	ug/l	90
29) Tetrahydrofuran	7.567	42	24939	26.861	ug/l	90
30) Chloroform	7.703	83	45573	5.318	ug/l	97
31) Cyclohexane	7.979	56	59641	6.347	ug/l #	84
32) 1,1,1-Trichloroethane	7.897	97	39917	5.423	ug/l	95
36) 1,1-Dichloropropene	8.109	75	36415	5.456	ug/l	97
37) Ethyl Acetate	7.291	43	12624	4.146	ug/l #	95
38) Carbon Tetrachloride	8.097	117	32847	5.344	ug/l	95
39) Methylcyclohexane	9.350	83	48825	5.664	ug/l	94
40) Benzene	8.350	78	103152	5.488	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.515	41	12327	8.199	ug/l #	63
42) 1,2-Dichloroethane	8.420	62	27001	5.071	ug/l	97
43) Isopropyl Acetate	8.450	43	33150	5.144	ug/l	93
44) Trichloroethene	9.109	130	27087	5.591	ug/l	98
45) 1,2-Dichloropropane	9.385	63	27784	5.466	ug/l	98
46) Dibromomethane	9.467	93	11801	4.877	ug/l	94
47) Bromodichloromethane	9.656	83	33924	5.301	ug/l	91
48) Methyl methacrylate	9.456	41	16051	5.077	ug/l #	88
49) 1,4-Dioxane	9.456	88	2638	94.097	ug/l #	82
51) 4-Methyl-2-Pentanone	10.220	43	79512	25.448	ug/l	92
52) Toluene	10.397	92	65592	5.536	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	34688	5.375	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	40951	5.381	ug/l #	83
55) 1,1,2-Trichloroethane	10.797	97	17698	5.322	ug/l	93
56) Ethyl methacrylate	10.656	69	23530	5.001	ug/l #	74
57) 1,3-Dichloropropane	10.938	76	32327	5.353	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	59163	24.186	ug/l	100
59) 2-Hexanone	10.979	43	62865	27.628	ug/l	90
60) Dibromochloromethane	11.132	129	20510	5.141	ug/l	96
61) 1,2-Dibromoethane	11.238	107	17698	5.471	ug/l	95
64) Tetrachloroethene	10.873	164	22418	5.754	ug/l	97
65) Chlorobenzene	11.661	112	64549	5.415	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	22828	5.395	ug/l	99
67) Ethyl Benzene	11.738	91	124843	5.530	ug/l	99
68) m/p-Xylenes	11.850	106	95110	11.273	ug/l	98
69) o-Xylene	12.173	106	43209	5.384	ug/l	91
70) Styrene	12.185	104	75769	5.576	ug/l	98
71) Bromoform	12.350	173	12039	5.456	ug/l #	100
73) Isopropylbenzene	12.467	105	117382	5.438	ug/l	99
74) N-amyl acetate	12.279	43	31910	5.175	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.714	83	19375	5.215	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	14689m	16.205	ug/l	
77) Bromobenzene	12.750	156	25376	5.502	ug/l	94
78) n-propylbenzene	12.808	91	148621	5.557	ug/l	100
79) 2-Chlorotoluene	12.897	91	84482	5.540	ug/l	99
80) 1,3,5-Trimethylbenzene	12.950	105	97059	5.461	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	6538	5.354	ug/l	89
82) 4-Chlorotoluene	12.991	91	85855	5.455	ug/l	97
83) tert-Butylbenzene	13.214	119	83647	5.464	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	94360	5.421	ug/l	98
85) sec-Butylbenzene	13.391	105	128498	5.583	ug/l	99
86) p-Isopropyltoluene	13.502	119	102237	5.532	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	49548	5.495	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	49945	5.532	ug/l	94
89) n-Butylbenzene	13.832	91	101215	5.450	ug/l	99
90) Hexachloroethane	14.097	117	19886	5.438	ug/l	89
91) 1,2-Dichlorobenzene	13.879	146	42285	5.412	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	3039	4.987	ug/l	96
93) 1,2,4-Trichlorobenzene	15.144	180	27887	5.578	ug/l	95
94) Hexachlorobutadiene	15.249	225	13614	5.400	ug/l	98
95) Naphthalene	15.379	128	50620	5.303	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	21976	5.228	ug/l	94

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

