

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081022\
 Data File : VD074017.D
 Acq On : 10 Aug 2022 10:27
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

Quant Time: Aug 10 14:40:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:39:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	128289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	220413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	203447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	96885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.314	65	8538	6.744	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	13.480%#		
35) Dibromofluoromethane	7.902	113	8747	6.032	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	12.060%#		
50) Toluene-d8	10.332	98	26412	5.859	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	11.720%#		
62) 4-Bromofluorobenzene	12.620	95	9146	5.016	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.040%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	7310	5.741	ug/l	96
3) Chloromethane	2.209	50	11995	6.045	ug/l	91
4) Vinyl Chloride	2.344	62	14938	5.533	ug/l	89
5) Bromomethane	2.761	94	10344	5.498	ug/l	93
6) Chloroethane	2.914	64	11341	5.854	ug/l #	88
7) Trichlorofluoromethane	3.261	101	14865	5.714	ug/l	97
8) Diethyl Ether	3.703	74	3209	5.521	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	8884	6.022	ug/l #	68
10) Methyl Iodide	4.291	142	6989	4.595	ug/l	97
11) Tert butyl alcohol	5.220	59	369	5.696	ug/l #	70
12) 1,1-Dichloroethene	4.056	96	6952	5.489	ug/l	90
13) Acrolein	3.926	56	2647	26.853	ug/l	95
14) Allyl chloride	4.714	41	8483	5.093	ug/l	97
15) Acrylonitrile	5.426	53	6819	27.783	ug/l #	74
16) Acetone	4.150	43	6043	29.109	ug/l	99
17) Carbon Disulfide	4.408	76	22953	5.527	ug/l	96
18) Methyl Acetate	4.720	43	4458	6.651	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	13615	4.756	ug/l #	84
20) Methylene Chloride	4.955	84	9824	6.381	ug/l #	83
21) trans-1,2-Dichloroethene	5.461	96	8582	5.697	ug/l #	85
22) Diisopropyl ether	6.350	45	17008	4.845	ug/l #	94
23) Vinyl Acetate	6.308	43	39050m	4.428	ug/l	
24) 1,1-Dichloroethane	6.255	63	14198	5.600	ug/l	95
25) 2-Butanone	7.214	43	8936	27.848	ug/l	90
26) 2,2-Dichloropropane	7.197	77	13362	5.528	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	8760	5.375	ug/l	95
28) Bromochloromethane	7.544	49	5093	5.205	ug/l #	94
29) Tetrahydrofuran	7.555	42	4748	23.747	ug/l #	82
30) Chloroform	7.697	83	16048	5.555	ug/l	99
31) Cyclohexane	7.979	56	13781	6.117	ug/l #	84
32) 1,1,1-Trichloroethane	7.897	97	15464	5.677	ug/l	98
36) 1,1-Dichloropropene	8.102	75	11475	5.202	ug/l	97
37) Ethyl Acetate	7.285	43	4172	5.386	ug/l #	69
38) Carbon Tetrachloride	8.091	117	12550	5.032	ug/l	90
39) Methylcyclohexane	9.344	83	11827	4.722	ug/l	92
40) Benzene	8.344	78	30271	5.052	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	2048	4.760	ug/l	99
42) 1,2-Dichloroethane	8.420	62	10032	5.417	ug/l	98
43) Isopropyl Acetate	8.438	43	6861	4.431	ug/l #	89
44) Trichloroethene	9.108	130	9503	5.406	ug/l	85
45) 1,2-Dichloropropane	9.379	63	7202	4.993	ug/l #	85
46) Dibromomethane	9.473	93	4771	5.073	ug/l	93
47) Bromodichloromethane	9.655	83	12425	5.389	ug/l #	88
48) Methyl methacrylate	9.444	41	3511	4.888	ug/l	90
49) 1,4-Dioxane	9.455	88	844	95.963	ug/l #	74
51) 4-Methyl-2-Pentanone	10.220	43	17684	22.691	ug/l	91
52) Toluene	10.390	92	18997	4.749	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	8793	4.375	ug/l	90
54) cis-1,3-Dichloropropene	10.085	75	10680	4.589	ug/l	97
55) 1,1,2-Trichloroethane	10.790	97	6368	5.333	ug/l	94
56) Ethyl methacrylate	10.649	69	5317	4.287	ug/l	93
57) 1,3-Dichloropropane	10.932	76	9530	4.947	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	10477	20.282	ug/l	100
59) 2-Hexanone	10.973	43	11458	21.873	ug/l	90
60) Dibromochloromethane	11.126	129	7904	4.863	ug/l	93
61) 1,2-Dibromoethane	11.232	107	6222	5.231	ug/l	95
64) Tetrachloroethene	10.867	164	8599	5.618	ug/l #	76
65) Chlorobenzene	11.661	112	22574	5.266	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.732	131	8533	5.147	ug/l	95
67) Ethyl Benzene	11.726	91	34691	4.606	ug/l	91
68) m/p-Xylenes	11.843	106	25794	8.598	ug/l	95
69) o-Xylene	12.161	106	11990	4.364	ug/l	98
70) Styrene	12.179	104	19263	4.133	ug/l	97
71) Bromoform	12.343	173	4286	4.695	ug/l #	91
73) Isopropylbenzene	12.467	105	31531	4.707	ug/l	97
74) N-amyl acetate	12.273	43	6064	4.672	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	6892	5.725	ug/l	96
76) 1,2,3-Trichloropropane	12.767	75	5722m	4.115	ug/l	
77) Bromobenzene	12.749	156	8312	5.178	ug/l	95
78) n-propylbenzene	12.802	91	39420	4.748	ug/l	95
79) 2-Chlorotoluene	12.896	91	23647	5.089	ug/l	97
80) 1,3,5-Trimethylbenzene	12.943	105	25489	4.464	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	1526	4.613	ug/l #	81
82) 4-Chlorotoluene	12.990	91	23700	4.780	ug/l	95
83) tert-Butylbenzene	13.208	119	20864	4.256	ug/l	92
84) 1,2,4-Trimethylbenzene	13.255	105	25492	4.451	ug/l	97
85) sec-Butylbenzene	13.384	105	33618	4.496	ug/l	99
86) p-Isopropyltoluene	13.502	119	26492	4.218	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	16895	5.017	ug/l	93
88) 1,4-Dichlorobenzene	13.579	146	18080	5.377	ug/l	95
89) n-Butylbenzene	13.826	91	26212	4.462	ug/l	98
90) Hexachloroethane	14.096	117	6216	5.000	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	14494	5.031	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.484	75	1314	6.319	ug/l	75
93) 1,2,4-Trichlorobenzene	15.137	180	8408	4.951	ug/l	97
94) Hexachlorobutadiene	15.243	225	5082	5.205	ug/l	90
95) Naphthalene	15.378	128	13367	4.462	ug/l	98
96) 1,2,3-Trichlorobenzene	15.567	180	7168	4.775	ug/l	95

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

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