

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
 Data File : VD073501.D
 Acq On : 09 Jun 2022 10:26
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Jun 09 12:00:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 11:54:04 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	312409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	532593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	507460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	252284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	34144	9.936	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	19.880%#		
35) Dibromofluoromethane	7.903	113	34335	9.808	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.620%#		
50) Toluene-d8	10.332	98	121320	9.328	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	18.660%#		
62) 4-Bromofluorobenzene	12.620	95	44317	9.643	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	19.280%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	35849	11.437	ug/l	97
3) Chloromethane	2.209	50	35246	10.072	ug/l	95
4) Vinyl Chloride	2.344	62	31600	9.873	ug/l	91
5) Bromomethane	2.762	94	24803	10.724	ug/l	88
6) Chloroethane	2.915	64	20246	10.257	ug/l	89
7) Trichlorofluoromethane	3.262	101	62312	10.832	ug/l	98
8) Diethyl Ether	3.703	74	17491	11.127	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.097	101	34222	9.980	ug/l	94
10) Methyl Iodide	4.291	142	30430	8.313	ug/l	99
11) Tert butyl alcohol	5.173	59	73796	132.763	ug/l #	76
12) 1,1-Dichloroethene	4.056	96	32463	10.321	ug/l	88
13) Acrolein	3.926	56	8759	37.944	ug/l	99
14) Allyl chloride	4.703	41	45385	9.099	ug/l #	88
15) Acrylonitrile	5.415	53	38265	53.321	ug/l	99
16) Acetone	4.150	43	34018	56.601	ug/l #	83
17) Carbon Disulfide	4.403	76	108613	10.407	ug/l	96
18) Methyl Acetate	4.715	43	17437	10.562	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	72805	10.118	ug/l	100
20) Methylene Chloride	4.956	84	47595	10.622	ug/l #	78
21) trans-1,2-Dichloroethene	5.456	96	38666	10.148	ug/l #	81
22) Diisopropyl ether	6.350	45	101516	9.648	ug/l	96
23) Vinyl Acetate	6.297	43	271181	48.054	ug/l #	93
24) 1,1-Dichloroethane	6.262	63	69128	10.182	ug/l	99
25) 2-Butanone	7.203	43	46749	53.484	ug/l	93
26) 2,2-Dichloropropane	7.197	77	61226	10.513	ug/l	79
27) cis-1,2-Dichloroethene	7.209	96	40285	9.607	ug/l	95
28) Bromochloromethane	7.538	49	24034	10.153	ug/l #	77
29) Tetrahydrofuran	7.562	42	27953	49.269	ug/l #	85
30) Chloroform	7.703	83	71897	10.117	ug/l	93
31) Cyclohexane	7.979	56	61927	10.246	ug/l #	76
32) 1,1,1-Trichloroethane	7.897	97	60845	9.733	ug/l	96
36) 1,1-Dichloropropene	8.103	75	53201	9.991	ug/l	94
37) Ethyl Acetate	7.285	43	22510	10.673	ug/l #	92
38) Carbon Tetrachloride	8.085	117	56414	10.447	ug/l	94
39) Methylcyclohexane	9.350	83	59713	9.978	ug/l	96
40) Benzene	8.344	78	156072	10.162	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	11831	9.473	ug/l #	85
42) 1,2-Dichloroethane	8.414	62	44535	10.474	ug/l	95
43) Isopropyl Acetate	8.444	43	40559	10.454	ug/l	93
44) Trichloroethene	9.103	130	44191	10.745	ug/l	76
45) 1,2-Dichloropropane	9.379	63	38560	10.061	ug/l	94
46) Dibromomethane	9.467	93	21634	10.249	ug/l	93
47) Bromodichloromethane	9.656	83	54282	10.033	ug/l	98
48) Methyl methacrylate	9.450	41	19570	10.002	ug/l #	88
49) 1,4-Dioxane	9.444	88	4897	220.289	ug/l	96
51) 4-Methyl-2-Pentanone	10.214	43	103740	51.552	ug/l	94
52) Toluene	10.397	92	96770	9.981	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	48359	9.822	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	59938	10.259	ug/l	87
55) 1,1,2-Trichloroethane	10.785	97	31655	10.987	ug/l	97
56) Ethyl methacrylate	10.655	69	32560	10.195	ug/l #	81
57) 1,3-Dichloropropane	10.932	76	50259	10.433	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	63967	49.052	ug/l	94
59) 2-Hexanone	10.973	43	69311	52.129	ug/l	93
60) Dibromochloromethane	11.126	129	37213	10.325	ug/l	96
61) 1,2-Dibromoethane	11.238	107	29765	10.774	ug/l	98
64) Tetrachloroethene	10.867	164	34733	10.246	ug/l	92
65) Chlorobenzene	11.661	112	110757	10.532	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.732	131	41067	10.507	ug/l	98
67) Ethyl Benzene	11.738	91	179997	9.758	ug/l	100
68) m/p-Xylenes	11.844	106	144986	20.276	ug/l	97
69) o-Xylene	12.167	106	63748	9.676	ug/l	97
70) Styrene	12.185	104	110532	9.749	ug/l	98
71) Bromoform	12.350	173	22596	11.179	ug/l #	97
73) Isopropylbenzene	12.467	105	168854	9.370	ug/l	99
74) N-amyl acetate	12.279	43	39390	10.094	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	34710	10.468	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	27881m	11.313	ug/l	
77) Bromobenzene	12.749	156	42496	9.977	ug/l	90
78) n-propylbenzene	12.808	91	211951	9.385	ug/l	98
79) 2-Chlorotoluene	12.897	91	128309	9.828	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	149415	9.766	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	10507	10.194	ug/l	83
82) 4-Chlorotoluene	12.991	91	134119	9.812	ug/l	94
83) tert-Butylbenzene	13.208	119	123537	9.516	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	147546	9.727	ug/l	97
85) sec-Butylbenzene	13.391	105	187309	9.499	ug/l	100
86) p-Isopropyltoluene	13.502	119	153295	9.518	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	91625	10.644	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	91352	10.501	ug/l	98
89) n-Butylbenzene	13.826	91	147564	9.647	ug/l	99
90) Hexachloroethane	14.096	117	34357	10.336	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	76620	10.314	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	5756	11.284	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	45557	10.720	ug/l	96
94) Hexachlorobutadiene	15.249	225	25917	10.705	ug/l	94
95) Naphthalene	15.385	128	73492	9.788	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	39286	10.429	ug/l	99

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

