

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063022\
 Data File : VD073752.D
 Acq On : 30 Jun 2022 16:28
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Jul 01 02:28:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 01 02:25:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/01/2022
 Supervised By :Semsettin Yesilyurt 07/01/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	217804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	398179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	356662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	158644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	23525	11.072	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	22.140%#		
35) Dibromofluoromethane	7.903	113	24371	11.267	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	22.540%#		
50) Toluene-d8	10.326	98	91835	11.574	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	23.140%#		
62) 4-Bromofluorobenzene	12.626	95	35086	11.211	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	22.420%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	15672	11.665	ug/l	98
3) Chloromethane	2.209	50	17696	11.739	ug/l	99
4) Vinyl Chloride	2.344	62	19462	11.423	ug/l	92
5) Bromomethane	2.744	94	14093	11.843	ug/l	83
6) Chloroethane	2.903	64	14307	11.554	ug/l	97
7) Trichlorofluoromethane	3.256	101	33147	10.656	ug/l	98
8) Diethyl Ether	3.697	74	10971	10.546	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.079	101	22295	10.809	ug/l	91
10) Methyl Iodide	4.291	142	15238	10.399	ug/l	94
11) Tert butyl alcohol	5.185	59	23893m	45.653	ug/l	
12) 1,1-Dichloroethene	4.056	96	20561	11.630	ug/l	94
13) Acrolein	3.915	56	1839	37.684	ug/l	98
14) Allyl chloride	4.714	41	32114	10.533	ug/l	93
15) Acrylonitrile	5.409	53	27999	49.423	ug/l	98
16) Acetone	4.150	43	23914	54.096	ug/l	99
17) Carbon Disulfide	4.397	76	32310	11.531	ug/l	96
18) Methyl Acetate	4.703	43	24431	14.257	ug/l	99
19) Methyl tert-butyl Ether	5.467	73	57977	10.090	ug/l	93
20) Methylene Chloride	4.956	84	34442	11.995	ug/l	95
21) trans-1,2-Dichloroethene	5.456	96	21783	10.879	ug/l	92
22) Diisopropyl ether	6.361	45	78719	10.254	ug/l #	91
23) Vinyl Acetate	6.297	43	166030	42.752	ug/l	95
24) 1,1-Dichloroethane	6.250	63	44213	10.303	ug/l	98
25) 2-Butanone	7.208	43	37300	51.379	ug/l	99
26) 2,2-Dichloropropane	7.203	77	41639	10.501	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	28235	10.456	ug/l	95
28) Bromochloromethane	7.538	49	17343	10.512	ug/l	83
29) Tetrahydrofuran	7.556	42	24923	54.312	ug/l	91
30) Chloroform	7.703	83	46092	10.132	ug/l	98
31) Cyclohexane	7.973	56	39696	11.706	ug/l #	90
32) 1,1,1-Trichloroethane	7.897	97	42323	10.608	ug/l	95
36) 1,1-Dichloropropene	8.103	75	32560	10.841	ug/l	98
37) Ethyl Acetate	7.285	43	16640	10.510	ug/l #	91
38) Carbon Tetrachloride	8.091	117	34329	10.646	ug/l	97
39) Methylcyclohexane	9.344	83	37661	11.010	ug/l	93
40) Benzene	8.338	78	96894	10.922	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	12249	12.729	ug/l #	82
42) 1,2-Dichloroethane	8.414	62	28282	10.578	ug/l	100
43) Isopropyl Acetate	8.444	43	33899	10.042	ug/l	96
44) Trichloroethene	9.102	130	25681	10.897	ug/l	91
45) 1,2-Dichloropropane	9.379	63	26307	10.421	ug/l	100
46) Dibromomethane	9.467	93	13933	10.517	ug/l #	88
47) Bromodichloromethane	9.650	83	36981	10.318	ug/l #	98
48) Methyl methacrylate	9.450	41	14749	9.739	ug/l #	87
49) 1,4-Dioxane	9.461	88	3796	213.191	ug/l #	88
51) 4-Methyl-2-Pentanone	10.220	43	84913	49.417	ug/l	99
52) Toluene	10.397	92	62100	10.495	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	36273	10.301	ug/l	93
54) cis-1,3-Dichloropropene	10.079	75	41524	10.417	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	20243	10.221	ug/l	96
56) Ethyl methacrylate	10.655	69	26419	10.059	ug/l	94
57) 1,3-Dichloropropane	10.938	76	34188	10.256	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	59415	55.808	ug/l	95
59) 2-Hexanone	10.973	43	58245	49.745	ug/l	95
60) Dibromochloromethane	11.126	129	24198	10.062	ug/l	98
61) 1,2-Dibromoethane	11.232	107	18517	10.120	ug/l	100
64) Tetrachloroethene	10.867	164	21429	11.754	ug/l	88
65) Chlorobenzene	11.661	112	69713	10.591	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	24928	10.045	ug/l	92
67) Ethyl Benzene	11.738	91	127602	10.554	ug/l	99
68) m/p-Xylenes	11.838	106	98828	21.488	ug/l	97
69) o-Xylene	12.167	106	46512	10.331	ug/l	98
70) Styrene	12.185	104	78206	10.143	ug/l	98
71) Bromoform	12.349	173	12657	9.779	ug/l #	96
73) Isopropylbenzene	12.467	105	128353	10.679	ug/l	99
74) N-amyl acetate	12.273	43	34297	10.510	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	23648	9.871	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	12762m	8.418	ug/l	
77) Bromobenzene	12.743	156	25077	10.184	ug/l	84
78) n-propylbenzene	12.808	91	159392	10.596	ug/l	97
79) 2-Chlorotoluene	12.896	91	89724	10.687	ug/l	97
80) 1,3,5-Trimethylbenzene	12.943	105	108623	10.866	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.514	75	8200	10.434	ug/l	89
82) 4-Chlorotoluene	12.991	91	91576	10.520	ug/l	98
83) tert-Butylbenzene	13.208	119	99497	11.248	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	106011	10.731	ug/l	100
85) sec-Butylbenzene	13.385	105	144037	10.525	ug/l	99
86) p-Isopropyltoluene	13.502	119	118033	10.763	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	54520	10.624	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	53577	10.475	ug/l	94
89) n-Butylbenzene	13.826	91	117833	10.646	ug/l	99
90) Hexachloroethane	14.090	117	22078	10.184	ug/l	88
91) 1,2-Dichlorobenzene	13.873	146	46857	10.323	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.490	75	3844	9.741	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	28095	10.377	ug/l	97
94) Hexachlorobutadiene	15.249	225	14377	10.699	ug/l	98
95) Naphthalene	15.379	128	61545	10.254	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	24840	10.549	ug/l	98

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

