

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062322\
 Data File : VD073671.D
 Acq On : 23 Jun 2022 17:19
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Jun 24 07:00:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 06:54:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	206872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	339965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	317762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	167487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	28550	12.011	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	24.020%#		
35) Dibromofluoromethane	7.909	113	28953	11.656	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	23.320%#		
50) Toluene-d8	10.332	98	103136	11.682	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	23.360%#		
62) 4-Bromofluorobenzene	12.620	95	37614	11.593	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	23.180%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	22530	11.327	ug/l	85
3) Chloromethane	2.209	50	20112	11.205	ug/l	89
4) Vinyl Chloride	2.344	62	19727	11.599	ug/l	97
5) Bromomethane	2.762	94	16319	12.191	ug/l	94
6) Chloroethane	2.915	64	13087	11.640	ug/l	92
7) Trichlorofluoromethane	3.268	101	45500	11.422	ug/l	97
8) Diethyl Ether	3.697	74	11128	10.744	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	26728	11.658	ug/l	100
10) Methyl Iodide	4.297	142	20656	9.414	ug/l	98
11) Tert butyl alcohol	5.179	59	39165	140.740	ug/l #	100
12) 1,1-Dichloroethene	4.068	96	21496	10.753	ug/l	97
13) Acrolein	3.909	56	1880m	29.397	ug/l	
14) Allyl chloride	4.709	41	30459	10.631	ug/l	97
15) Acrylonitrile	5.415	53	25818	54.965	ug/l	100
16) Acetone	4.162	43	24286	63.046	ug/l #	89
17) Carbon Disulfide	4.409	76	55536	9.869	ug/l #	94
18) Methyl Acetate	4.720	43	13122	10.788	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	54927	11.548	ug/l	97
20) Methylene Chloride	4.962	84	37808	12.524	ug/l	95
21) trans-1,2-Dichloroethene	5.467	96	25398	10.726	ug/l	91
22) Diisopropyl ether	6.356	45	70325	10.912	ug/l	96
23) Vinyl Acetate	6.303	43	180567	53.603	ug/l	97
24) 1,1-Dichloroethane	6.262	63	48870	11.286	ug/l	97
25) 2-Butanone	7.209	43	33285	59.957	ug/l	93
26) 2,2-Dichloropropane	7.203	77	45321	11.323	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	29810	10.841	ug/l	97
28) Bromochloromethane	7.544	49	16538	10.335	ug/l	99
29) Tetrahydrofuran	7.550	42	19168	56.020	ug/l	95
30) Chloroform	7.703	83	55638	11.334	ug/l	97
31) Cyclohexane	7.979	56	39769	11.008	ug/l #	90
32) 1,1,1-Trichloroethane	7.897	97	49260	11.241	ug/l	99
36) 1,1-Dichloropropene	8.103	75	36154	10.391	ug/l	99
37) Ethyl Acetate	7.291	43	13849	10.361	ug/l #	83
38) Carbon Tetrachloride	8.091	117	42483	10.710	ug/l	93
39) Methylcyclohexane	9.344	83	39258	10.224	ug/l	98
40) Benzene	8.344	78	105313	10.476	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.503	41	8890	11.871	ug/l #	23
42) 1,2-Dichloroethane	8.420	62	33817	11.212	ug/l	100
43) Isopropyl Acetate	8.450	43	28790	11.332	ug/l	95
44) Trichloroethene	9.108	130	29977	10.435	ug/l	91
45) 1,2-Dichloropropane	9.379	63	27540	10.895	ug/l	99
46) Dibromomethane	9.467	93	15809	11.037	ug/l	92
47) Bromodichloromethane	9.650	83	42273	11.280	ug/l #	90
48) Methyl methacrylate	9.450	41	14051m	10.990	ug/l	
49) 1,4-Dioxane	9.444	88	3747	230.988	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	70199	54.040	ug/l	99
52) Toluene	10.397	92	68208	10.407	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	37640	11.039	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	42100	10.539	ug/l	94
55) 1,1,2-Trichloroethane	10.791	97	22209	10.927	ug/l	96
56) Ethyl methacrylate	10.650	69	23267	10.390	ug/l	93
57) 1,3-Dichloropropane	10.938	76	36122	10.844	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	42050	46.882	ug/l	98
59) 2-Hexanone	10.973	43	46508	52.001	ug/l	94
60) Dibromochloromethane	11.132	129	28424	10.688	ug/l	94
61) 1,2-Dibromoethane	11.238	107	20628	10.648	ug/l	96
64) Tetrachloroethene	10.867	164	24833	10.472	ug/l	91
65) Chlorobenzene	11.661	112	79074	11.048	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	32723	11.734	ug/l	98
67) Ethyl Benzene	11.738	91	132817	10.899	ug/l	98
68) m/p-Xylenes	11.844	106	102873	21.526	ug/l	99
69) o-Xylene	12.167	106	47000	10.548	ug/l	98
70) Styrene	12.185	104	82542	10.793	ug/l	100
71) Bromoform	12.349	173	17369	11.465	ug/l #	95
73) Isopropylbenzene	12.467	105	127102	10.439	ug/l	99
74) N-amyl acetate	12.279	43	26098	10.590	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	25523	11.117	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	17890m	11.230	ug/l	
77) Bromobenzene	12.749	156	32944	11.112	ug/l	95
78) n-propylbenzene	12.808	91	156462	10.511	ug/l	99
79) 2-Chlorotoluene	12.896	91	93906	10.739	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	111852	10.763	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	7886	11.206	ug/l	92
82) 4-Chlorotoluene	12.991	91	102263	10.958	ug/l	99
83) tert-Butylbenzene	13.208	119	91960	10.151	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	110057	10.729	ug/l	100
85) sec-Butylbenzene	13.391	105	145519	10.882	ug/l	96
86) p-Isopropyltoluene	13.502	119	118773	10.750	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	69359	11.355	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	68328	11.259	ug/l	96
89) n-Butylbenzene	13.826	91	109415	10.503	ug/l	100
90) Hexachloroethane	14.096	117	25416	10.745	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	58039	10.996	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	4767	13.365	ug/l	85
93) 1,2,4-Trichlorobenzene	15.143	180	33577	10.892	ug/l	99
94) Hexachlorobutadiene	15.249	225	20092	11.503	ug/l	95
95) Naphthalene	15.385	128	54978	10.244	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	29062	10.854	ug/l	99

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

