

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
 Data File : VD073500.D
 Acq On : 09 Jun 2022 09:57
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 09 12:00:13 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

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	328724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	579093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	546772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	265492	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	19204	5.311	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.620%#
35) Dibromofluoromethane	7.908	113	19001	4.992	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.980%#
50) Toluene-d8	10.332	98	66684	4.715	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	9.440%#
62) 4-Bromofluorobenzene	12.620	95	24949	4.993	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	9.980%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	15613	4.734	ug/l	100
3) Chloromethane	2.203	50	14773	4.012	ug/l	97
4) Vinyl Chloride	2.344	62	14827	4.402	ug/l	99
5) Bromomethane	2.750	94	10792	4.435	ug/l	97
6) Chloroethane	2.915	64	8918	4.294	ug/l	89
7) Trichlorofluoromethane	3.262	101	28963	4.785	ug/l	100
8) Diethyl Ether	3.703	74	8117	4.907	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.079	101	16923	4.690	ug/l	95
10) Methyl Iodide	4.291	142	11889	3.087	ug/l #	97
11) Tert butyl alcohol	5.185	59	61744	105.568	ug/l #	75
12) 1,1-Dichloroethene	4.062	96	14796	4.470	ug/l	81
13) Acrolein	3.920	56	3749	15.435	ug/l	85
14) Allyl chloride	4.709	41	22443	4.276	ug/l	89
15) Acrylonitrile	5.420	53	17232	22.820	ug/l	99
16) Acetone	4.150	43	18562	29.352	ug/l	92
17) Carbon Disulfide	4.397	76	39632	3.609	ug/l	100
18) Methyl Acetate	4.715	43	13137	7.562	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	35199	4.649	ug/l	97
20) Methylene Chloride	4.950	84	28594	6.065	ug/l #	83
21) trans-1,2-Dichloroethene	5.467	96	18380	4.584	ug/l	84
22) Diisopropyl ether	6.356	45	45154	4.079	ug/l #	93
23) Vinyl Acetate	6.297	43	106141	17.875	ug/l #	94
24) 1,1-Dichloroethane	6.250	63	31312	4.383	ug/l	95
25) 2-Butanone	7.203	43	23410	25.453	ug/l	99
26) 2,2-Dichloropropane	7.197	77	30146	4.919	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	19312	4.377	ug/l	98
28) Bromochloromethane	7.538	49	14442	5.798	ug/l #	80
29) Tetrahydrofuran	7.550	42	13028	21.823	ug/l	91
30) Chloroform	7.703	83	35164	4.703	ug/l	93
31) Cyclohexane	7.973	56	28831	4.533	ug/l #	59
32) 1,1,1-Trichloroethane	7.897	97	30439	4.627	ug/l	94
36) 1,1-Dichloropropene	8.103	75	25121	4.339	ug/l	100
37) Ethyl Acetate	7.297	43	10797	4.708	ug/l #	94
38) Carbon Tetrachloride	8.091	117	26457	4.506	ug/l	94
39) Methylcyclohexane	9.350	83	26621	4.091	ug/l	98
40) Benzene	8.344	78	75978	4.550	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	5479	4.035	ug/l #	75
42) 1,2-Dichloroethane	8.420	62	20130	4.354	ug/l	92
43) Isopropyl Acetate	8.444	43	20527	4.866	ug/l #	92
44) Trichloroethene	9.103	130	20435	4.570	ug/l	90
45) 1,2-Dichloropropane	9.379	63	19437	4.664	ug/l	92
46) Dibromomethane	9.467	93	11085	4.830	ug/l	96
47) Bromodichloromethane	9.650	83	26544	4.512	ug/l	99
48) Methyl methacrylate	9.450	41	9450	4.442	ug/l	91
49) 1,4-Dioxane	9.467	88	2246	92.922	ug/l #	21
51) 4-Methyl-2-Pentanone	10.220	43	46926	21.447	ug/l	97
52) Toluene	10.397	92	44690	4.239	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	24281	4.536	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	28036	4.413	ug/l #	81
55) 1,1,2-Trichloroethane	10.791	97	16059	5.126	ug/l #	91
56) Ethyl methacrylate	10.650	69	15040	4.331	ug/l #	87
57) 1,3-Dichloropropane	10.932	76	23618	4.509	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	36456	25.711	ug/l	98
59) 2-Hexanone	10.973	43	31829	22.017	ug/l	100
60) Dibromochloromethane	11.126	129	18685	4.768	ug/l	99
61) 1,2-Dibromoethane	11.238	107	13958	4.647	ug/l	95
64) Tetrachloroethene	10.867	164	18422	5.044	ug/l	89
65) Chlorobenzene	11.655	112	49658	4.382	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	20253	4.809	ug/l	100
67) Ethyl Benzene	11.732	91	85404	4.297	ug/l	96
68) m/p-Xylenes	11.844	106	64106	8.321	ug/l	98
69) o-Xylene	12.167	106	29302	4.128	ug/l	92
70) Styrene	12.179	104	48390	3.961	ug/l	98
71) Bromoform	12.344	173	10679	4.903	ug/l #	95
73) Isopropylbenzene	12.467	105	72303	3.813	ug/l	96
74) N-amyl acetate	12.279	43	17178	4.183	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	16757	4.802	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	11374m	4.386	ug/l	
77) Bromobenzene	12.744	156	21056	4.697	ug/l	88
78) n-propylbenzene	12.808	91	93479	3.933	ug/l	98
79) 2-Chlorotoluene	12.896	91	56273	4.096	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	62878	3.905	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	4485	4.135	ug/l	97
82) 4-Chlorotoluene	12.991	91	60799	4.227	ug/l	97
83) tert-Butylbenzene	13.208	119	52778	3.863	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	65693	4.115	ug/l	98
85) sec-Butylbenzene	13.385	105	80820	3.895	ug/l	96
86) p-Isopropyltoluene	13.502	119	67943	4.009	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	43452	4.796	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	42514	4.644	ug/l	89
89) n-Butylbenzene	13.826	91	64611	4.014	ug/l	98
90) Hexachloroethane	14.091	117	16083	4.598	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	36885	4.718	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	2747	5.117	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	20647	4.617	ug/l	98
94) Hexachlorobutadiene	15.249	225	12214	4.794	ug/l	95
95) Naphthalene	15.379	128	32075	4.060	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	18453	4.655	ug/l	96

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

