

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
 Data File : VD073502.D
 Acq On : 09 Jun 2022 10:55
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Jun 09 12:00:54 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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	333442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	547562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	530841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	267292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	71655	19.536	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.080%#		
35) Dibromofluoromethane	7.908	113	70480	19.584	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	39.160%#		
50) Toluene-d8	10.332	98	270083	20.198	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	40.400%#		
62) 4-Bromofluorobenzene	12.620	95	97422	20.618	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	41.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	67736	20.247	ug/l	90
3) Chloromethane	2.209	50	68956	18.462	ug/l	91
4) Vinyl Chloride	2.344	62	60728	17.776	ug/l	99
5) Bromomethane	2.744	94	41239	16.706	ug/l	100
6) Chloroethane	2.909	64	39797	18.889	ug/l	96
7) Trichlorofluoromethane	3.262	101	119435	19.451	ug/l	92
8) Diethyl Ether	3.709	74	32171	19.174	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.091	101	67013	18.310	ug/l	93
10) Methyl Iodide	4.291	142	65103	16.664	ug/l #	95
11) Tert butyl alcohol	5.173	59	83631	140.966	ug/l #	74
12) 1,1-Dichloroethene	4.056	96	64374	19.175	ug/l #	80
13) Acrolein	3.920	56	15908	64.567	ug/l	100
14) Allyl chloride	4.709	41	89280	16.770	ug/l #	93
15) Acrylonitrile	5.408	53	73250	95.633	ug/l	97
16) Acetone	4.162	43	55753	86.914	ug/l	96
17) Carbon Disulfide	4.397	76	208950	18.757	ug/l	96
18) Methyl Acetate	4.714	43	33861	19.216	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	146068	19.019	ug/l	95
20) Methylene Chloride	4.950	84	85131	17.800	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	77658	19.095	ug/l	84
22) Diisopropyl ether	6.356	45	203134	18.089	ug/l #	91
23) Vinyl Acetate	6.303	43	545871	90.628	ug/l #	92
24) 1,1-Dichloroethane	6.255	63	130066	17.949	ug/l	98
25) 2-Butanone	7.208	43	86062	92.250	ug/l	93
26) 2,2-Dichloropropane	7.203	77	116223	18.697	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	82106	18.345	ug/l	90
28) Bromochloromethane	7.544	49	49724	19.681	ug/l #	79
29) Tetrahydrofuran	7.561	42	55511	91.670	ug/l	90
30) Chloroform	7.702	83	137960	18.189	ug/l	97
31) Cyclohexane	7.979	56	115465	17.899	ug/l #	89
32) 1,1,1-Trichloroethane	7.897	97	123379	18.490	ug/l	95
36) 1,1-Dichloropropene	8.102	75	104723	19.129	ug/l	96
37) Ethyl Acetate	7.285	43	36675	16.914	ug/l #	92
38) Carbon Tetrachloride	8.091	117	109061	19.645	ug/l	97
39) Methylcyclohexane	9.349	83	119960	19.497	ug/l	98
40) Benzene	8.344	78	300487	19.031	ug/l	98

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41) Methacrylonitrile	7.514	41	20647	16.080	ug/l #	85
42) 1,2-Dichloroethane	8.420	62	84756	19.388	ug/l	95
43) Isopropyl Acetate	8.450	43	77293	19.378	ug/l #	91
44) Trichloroethene	9.102	130	84428	19.966	ug/l	91
45) 1,2-Dichloropropane	9.379	63	74143	18.815	ug/l	98
46) Dibromomethane	9.467	93	41699	19.214	ug/l	93
47) Bromodichloromethane	9.655	83	106420	19.132	ug/l	98
48) Methyl methacrylate	9.449	41	38655	19.216	ug/l #	88
49) 1,4-Dioxane	9.455	88	9816	429.497	ug/l #	92
51) 4-Methyl-2-Pentanone	10.220	43	197142	95.289	ug/l	91
52) Toluene	10.396	92	193971	19.460	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	97460	19.254	ug/l	91
54) cis-1,3-Dichloropropene	10.079	75	115246	19.186	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	59148	19.967	ug/l	98
56) Ethyl methacrylate	10.655	69	65408	19.921	ug/l	84
57) 1,3-Dichloropropane	10.938	76	97357	19.657	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	137574	102.612	ug/l	94
59) 2-Hexanone	10.973	43	136141	99.593	ug/l	94
60) Dibromochloromethane	11.132	129	72758	19.635	ug/l	99
61) 1,2-Dibromoethane	11.238	107	56643	19.942	ug/l	94
64) Tetrachloroethene	10.867	164	68730	19.383	ug/l	89
65) Chlorobenzene	11.661	112	213521	19.409	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	79978	19.561	ug/l	98
67) Ethyl Benzene	11.732	91	364107	18.870	ug/l	97
68) m/p-Xylenes	11.843	106	300297	40.147	ug/l	94
69) o-Xylene	12.173	106	135028	19.593	ug/l	93
70) Styrene	12.185	104	235612	19.866	ug/l	97
71) Bromoform	12.349	173	44472	21.033	ug/l #	99
73) Isopropylbenzene	12.467	105	351874	18.429	ug/l	99
74) N-amyl acetate	12.279	43	76506	18.505	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	64959	18.490	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	47439m	18.169	ug/l	
77) Bromobenzene	12.749	156	85293	18.900	ug/l	91
78) n-propylbenzene	12.808	91	446711	18.670	ug/l	99
79) 2-Chlorotoluene	12.896	91	256490	18.544	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	314948	19.430	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	20586	18.851	ug/l	90
82) 4-Chlorotoluene	12.990	91	274592	18.961	ug/l	98
83) tert-Butylbenzene	13.208	119	248240	18.048	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	310929	19.347	ug/l	98
85) sec-Butylbenzene	13.385	105	388589	18.600	ug/l	97
86) p-Isopropyltoluene	13.502	119	328093	19.227	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	179639	19.696	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	174841	18.969	ug/l	97
89) n-Butylbenzene	13.826	91	303477	18.726	ug/l	98
90) Hexachloroethane	14.096	117	67076	19.046	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	155230	19.723	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	10120	18.726	ug/l	87
93) 1,2,4-Trichlorobenzene	15.143	180	90556	20.113	ug/l	99
94) Hexachlorobutadiene	15.249	225	50446	19.667	ug/l	99
95) Naphthalene	15.379	128	152881	19.219	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	77392	19.391	ug/l	98

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

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