

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
 Data File : VD073506.D
 Acq On : 09 Jun 2022 13:19
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060922

Quant Time: Jun 09 16:55:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 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	378305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	607194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	573385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	285383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	190007	46.803	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.600%		
35) Dibromofluoromethane	7.909	113	196073	50.217	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.440%		
50) Toluene-d8	10.332	98	764329	51.775	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.560%		
62) 4-Bromofluorobenzene	12.620	95	271905	50.737	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	169058	46.860	ug/l	97
3) Chloromethane	2.209	50	180878	48.888	ug/l	99
4) Vinyl Chloride	2.344	62	173669	50.062	ug/l	96
5) Bromomethane	2.756	94	125531	50.477	ug/l	99
6) Chloroethane	2.915	64	111830	50.587	ug/l	99
7) Trichlorofluoromethane	3.268	101	346628	50.992	ug/l	96
8) Diethyl Ether	3.709	74	98804	50.789	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.091	101	201755	51.896	ug/l	93
10) Methyl Iodide	4.297	142	221024	47.561	ug/l	98
11) Tert butyl alcohol	5.209	59	124961m	220.184	ug/l	
12) 1,1-Dichloroethene	4.062	96	190206	51.528	ug/l	88
13) Acrolein	3.920	56	37019	207.037	ug/l	100
14) Allyl chloride	4.709	41	291763	53.093	ug/l	91
15) Acrylonitrile	5.415	53	225506	258.139	ug/l	97
16) Acetone	4.156	43	178725	250.028	ug/l #	83
17) Carbon Disulfide	4.403	76	621213	53.093	ug/l	100
18) Methyl Acetate	4.720	43	94684	47.070	ug/l #	91
19) Methyl tert-butyl Ether	5.473	73	470596	53.418	ug/l	97
20) Methylene Chloride	4.956	84	235960	52.869	ug/l	85
21) trans-1,2-Dichloroethene	5.462	96	232142	51.987	ug/l	89
22) Diisopropyl ether	6.362	45	637086	53.725	ug/l #	88
23) Vinyl Acetate	6.297	43	1768802	274.953	ug/l #	93
24) 1,1-Dichloroethane	6.256	63	390664	51.394	ug/l	97
25) 2-Butanone	7.203	43	266913	253.772	ug/l #	85
26) 2,2-Dichloropropane	7.203	77	351787	51.620	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	260303	53.925	ug/l	89
28) Bromochloromethane	7.544	49	149114	49.981	ug/l #	72
29) Tetrahydrofuran	7.556	42	178365	265.838	ug/l	89
30) Chloroform	7.703	83	418262	51.503	ug/l	97
31) Cyclohexane	7.979	56	356451	52.122	ug/l	86
32) 1,1,1-Trichloroethane	7.897	97	371753	51.951	ug/l	96
36) 1,1-Dichloropropene	8.103	75	321778	54.871	ug/l	96
37) Ethyl Acetate	7.285	43	125184	52.847	ug/l #	93
38) Carbon Tetrachloride	8.091	117	334135	54.467	ug/l	99
39) Methylcyclohexane	9.350	83	387757	56.741	ug/l	94
40) Benzene	8.344	78	911476	53.434	ug/l	99

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41) Methacrylonitrile	7.520	41	64179	49.974	ug/l #	80
42) 1,2-Dichloroethane	8.414	62	246675	52.304	ug/l	94
43) Isopropyl Acetate	8.444	43	241777	53.050	ug/l #	91
44) Trichloroethene	9.103	130	254582	53.585	ug/l	95
45) 1,2-Dichloropropane	9.379	63	228165	53.994	ug/l	94
46) Dibromomethane	9.467	93	125244	52.613	ug/l	94
47) Bromodichloromethane	9.655	83	317483	53.225	ug/l	99
48) Methyl methacrylate	9.450	41	123181	54.563	ug/l	90
49) 1,4-Dioxane	9.455	88	28652	1046.472	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	621149	269.349	ug/l	90
52) Toluene	10.397	92	605098	55.309	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	299092	53.463	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	353878	54.011	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	171050	50.382	ug/l	98
56) Ethyl methacrylate	10.650	69	217479	55.909	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	290595	52.549	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	424660	265.529	ug/l	94
59) 2-Hexanone	10.973	43	440346	278.817	ug/l	91
60) Dibromochloromethane	11.132	129	223989	53.454	ug/l	98
61) 1,2-Dibromoethane	11.238	107	170357	52.662	ug/l	98
64) Tetrachloroethene	10.867	164	211916	54.287	ug/l	99
65) Chlorobenzene	11.661	112	645965	54.754	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	239335	53.468	ug/l	99
67) Ethyl Benzene	11.738	91	1168950	56.699	ug/l	98
68) m/p-Xylenes	11.844	106	909791	112.452	ug/l	98
69) o-Xylene	12.173	106	424070	56.964	ug/l	95
70) Styrene	12.185	104	723062	56.308	ug/l	99
71) Bromoform	12.349	173	132918	54.306	ug/l #	99
73) Isopropylbenzene	12.467	105	1133961	57.326	ug/l	99
74) N-amyl acetate	12.279	43	240102	54.562	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.720	83	194260	51.732	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	170706m	61.574	ug/l	
77) Bromobenzene	12.749	156	258968	53.607	ug/l	91
78) n-propylbenzene	12.808	91	1402875	56.977	ug/l	97
79) 2-Chlorotoluene	12.896	91	789953	55.195	ug/l	95
80) 1,3,5-Trimethylbenzene	12.949	105	965365	56.585	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	63968	54.157	ug/l	84
82) 4-Chlorotoluene	12.991	91	838221	55.554	ug/l	98
83) tert-Butylbenzene	13.208	119	841340	58.349	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	959974	56.377	ug/l	98
85) sec-Butylbenzene	13.391	105	1242770	57.536	ug/l	99
86) p-Isopropyltoluene	13.502	119	1028702	57.132	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	529326	53.661	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	522489	53.542	ug/l	99
89) n-Butylbenzene	13.826	91	970074	57.112	ug/l	98
90) Hexachloroethane	14.096	117	197035	52.841	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	454699	53.444	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	31026	51.734	ug/l	82
93) 1,2,4-Trichlorobenzene	15.143	180	282065	55.363	ug/l	100
94) Hexachlorobutadiene	15.249	225	150420	53.823	ug/l	98
95) Naphthalene	15.379	128	523332	50.705	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	245577	55.202	ug/l	100

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

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