

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062322\
 Data File : VD073669.D
 Acq On : 23 Jun 2022 15:32
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 24 06:58:56 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	222207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	354432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	335264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	165257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	364337	142.702	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 285.400%#			
35) Dibromofluoromethane	7.908	113	364163	140.617	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 281.240%#			
50) Toluene-d8	10.332	98	1330072	144.506	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 289.020%#			
62) 4-Bromofluorobenzene	12.620	95	508086	150.209	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 300.420%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	271743	127.195	ug/l	97
3) Chloromethane	2.208	50	264057	136.960	ug/l	98
4) Vinyl Chloride	2.344	62	262651	143.770	ug/l	96
5) Bromomethane	2.738	94	186887	129.975	ug/l	100
6) Chloroethane	2.902	64	180502	149.463	ug/l	94
7) Trichlorofluoromethane	3.261	101	609852	142.527	ug/l	99
8) Diethyl Ether	3.708	74	177097	159.189	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	348292	141.429	ug/l	99
10) Methyl Iodide	4.291	142	423904	179.866	ug/l	96
11) Tert butyl alcohol	5.220	59	159534	533.722	ug/l #	100
12) 1,1-Dichloroethene	4.055	96	315880	147.111	ug/l	96
13) Acrolein	3.920	56	39509	575.161	ug/l	91
14) Allyl chloride	4.708	41	499289	162.233	ug/l	99
15) Acrylonitrile	5.408	53	434465	861.122	ug/l	99
16) Acetone	4.149	43	325971	787.811	ug/l	96
17) Carbon Disulfide	4.402	76	794464	131.441	ug/l	97
18) Methyl Acetate	4.714	43	188944	144.614	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	902213	176.590	ug/l	99
20) Methylene Chloride	4.955	84	388765	119.891	ug/l	89
21) trans-1,2-Dichloroethene	5.467	96	376572	148.064	ug/l	96
22) Diisopropyl ether	6.361	45	1105329	159.671	ug/l	99
23) Vinyl Acetate	6.296	43	3219348	889.746	ug/l	100
24) 1,1-Dichloroethane	6.255	63	692398	148.865	ug/l	99
25) 2-Butanone	7.208	43	502126	842.075	ug/l	98
26) 2,2-Dichloropropane	7.202	77	649077	150.979	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	452128	153.084	ug/l	99
28) Bromochloromethane	7.538	49	261745	152.287	ug/l	98
29) Tetrahydrofuran	7.555	42	325849	886.605	ug/l	99
30) Chloroform	7.702	83	775506	147.081	ug/l	98
31) Cyclohexane	7.979	56	539372	138.993	ug/l	96
32) 1,1,1-Trichloroethane	7.896	97	699159	148.537	ug/l	99
36) 1,1-Dichloropropene	8.102	75	538632	148.494	ug/l	99
37) Ethyl Acetate	7.285	43	232056	166.530	ug/l	97
38) Carbon Tetrachloride	8.090	117	619616	149.828	ug/l	95
39) Methylcyclohexane	9.349	83	620768	155.063	ug/l	98
40) Benzene	8.343	78	1534099	146.369	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	130211m	166.777	ug/l	
42) 1,2-Dichloroethane	8.414	62	470881	149.750	ug/l	100
43) Isopropyl Acetate	8.443	43	453094	171.061	ug/l	99
44) Trichloroethene	9.102	130	442422	147.717	ug/l	95
45) 1,2-Dichloropropane	9.379	63	391144	148.422	ug/l	99
46) Dibromomethane	9.467	93	224079	150.056	ug/l	99
47) Bromodichloromethane	9.655	83	603099	154.359	ug/l	96
48) Methyl methacrylate	9.449	41	230895m	173.218	ug/l	
49) 1,4-Dioxane	9.455	88	55608	3288.095	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	1188487	877.568	ug/l	98
52) Toluene	10.396	92	1048341	153.429	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	570395	160.462	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	638682	153.361	ug/l	98
55) 1,1,2-Trichloroethane	10.790	97	325982	153.836	ug/l	98
56) Ethyl methacrylate	10.655	69	425148	182.100	ug/l	96
57) 1,3-Dichloropropane	10.937	76	544844	156.894	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	785363	839.878	ug/l	98
59) 2-Hexanone	10.973	43	820195	879.634	ug/l	99
60) Dibromochloromethane	11.131	129	431351	155.579	ug/l	96
61) 1,2-Dibromoethane	11.237	107	313645	155.289	ug/l	97
64) Tetrachloroethene	10.867	164	355646	142.141	ug/l	95
65) Chlorobenzene	11.661	112	1146615	151.839	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	458936	155.979	ug/l	99
67) Ethyl Benzene	11.737	91	2064687	160.587	ug/l	96
68) m/p-Xylenes	11.843	106	1582134	313.782	ug/l	98
69) o-Xylene	12.167	106	767541	163.265	ug/l	99
70) Styrene	12.184	104	1316255	163.130	ug/l	99
71) Bromoform	12.349	173	258327	161.612	ug/l #	99
73) Isopropylbenzene	12.467	105	2068851	172.212	ug/l	100
74) N-amyl acetate	12.278	43	451464	185.674	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	373752	164.989	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	220919m	140.552	ug/l	
77) Bromobenzene	12.749	156	477336	163.177	ug/l	99
78) n-propylbenzene	12.808	91	2490419	169.564	ug/l	100
79) 2-Chlorotoluene	12.896	91	1433079	166.102	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1740975	169.788	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	126061	181.558	ug/l	100
82) 4-Chlorotoluene	12.990	91	1511168	164.108	ug/l	100
83) tert-Butylbenzene	13.208	119	1571438	175.803	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	1713485	169.295	ug/l	100
85) sec-Butylbenzene	13.384	105	2244362	170.105	ug/l	99
86) p-Isopropyltoluene	13.502	119	1892910	173.637	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	953702	158.246	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	944224	157.692	ug/l	100
89) n-Butylbenzene	13.825	91	1761046	171.330	ug/l	98
90) Hexachloroethane	14.096	117	376360	161.264	ug/l	96
91) 1,2-Dichlorobenzene	13.872	146	843230	161.911	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	61592	175.014	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	525231	172.675	ug/l	99
94) Hexachlorobutadiene	15.249	225	276939	160.691	ug/l	98
95) Naphthalene	15.378	128	1067382	201.567	ug/l	99
96) 1,2,3-Trichlorobenzene	15.572	180	463606	175.486	ug/l	97

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

