

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081822\
 Data File : VD074143.D
 Acq On : 18 Aug 2022 21:35
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 18 21:49:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 18 21:46:24 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/23/2022
 Supervised By : Mahesh Dadoda 08/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	196586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	333935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	308478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	140400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	201304	113.940	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 227.880%#			
35) Dibromofluoromethane	7.902	113	230221	111.276	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 222.560%#			
50) Toluene-d8	10.332	98	639496	101.832	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 203.660%#			
62) 4-Bromofluorobenzene	12.620	95	332454	127.489	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 254.980%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	283545	144.977	ug/l	94
3) Chloromethane	2.209	50	245509	113.923	ug/l	98
4) Vinyl Chloride	2.344	62	236618	86.575	ug/l	100
5) Bromomethane	2.738	94	143782	66.751	ug/l	100
6) Chloroethane	2.897	64	146001	64.570	ug/l	97
7) Trichlorofluoromethane	3.256	101	541367	130.743	ug/l	98
8) Diethyl Ether	3.709	74	161267	177.318	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.079	101	315703	140.624	ug/l	97
10) Methyl Iodide	4.291	142	413841	199.563	ug/l	99
11) Tert butyl alcohol	5.232	59	104439	797.233	ug/l	98
12) 1,1-Dichloroethene	4.056	96	307556	163.911	ug/l	95
13) Acrolein	3.914	56	136676	1115.815	ug/l	99
14) Allyl chloride	4.703	41	520194	208.844	ug/l	93
15) Acrylonitrile	5.414	53	380233	1029.099	ug/l	99
16) Acetone	4.156	43	278985	724.868	ug/l	93
17) Carbon Disulfide	4.397	76	1019668	204.487	ug/l	99
18) Methyl Acetate	4.714	43	189375	187.936	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	752844	182.890	ug/l	99
20) Methylene Chloride	4.956	84	376986	124.691	ug/l	89
21) trans-1,2-Dichloroethene	5.461	96	355132	172.269	ug/l	94
22) Diisopropyl ether	6.361	45	1031755	194.591	ug/l	90
23) Vinyl Acetate	6.297	43	2918751	1071.468	ug/l	96
24) 1,1-Dichloroethane	6.255	63	628335	175.698	ug/l	99
25) 2-Butanone	7.202	43	472057	893.714	ug/l	92
26) 2,2-Dichloropropane	7.202	77	507186	142.626	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	388760	162.421	ug/l	94
28) Bromochloromethane	7.538	49	176267	136.822	ug/l	87
29) Tetrahydrofuran	7.561	42	313699	1051.280	ug/l	94
30) Chloroform	7.702	83	632612	154.357	ug/l	99
31) Cyclohexane	7.979	56	577414	186.908	ug/l	92
32) 1,1,1-Trichloroethane	7.897	97	575868	151.289	ug/l	97
36) 1,1-Dichloropropene	8.102	75	501794	166.014	ug/l	97
37) Ethyl Acetate	7.285	43	223178	184.546	ug/l #	98
38) Carbon Tetrachloride	8.091	117	493046	145.945	ug/l	99
39) Methylcyclohexane	9.344	83	617944	183.919	ug/l	97
40) Benzene	8.344	78	1374420	160.873	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	122240	196.325	ug/l #	89
42) 1,2-Dichloroethane	8.414	62	406887	159.477	ug/l	98
43) Isopropyl Acetate	8.444	43	436830	195.337	ug/l	97
44) Trichloroethene	9.102	130	371020	151.057	ug/l	98
45) 1,2-Dichloropropane	9.379	63	345982	166.792	ug/l	96
46) Dibromomethane	9.461	93	192666	150.190	ug/l	98
47) Bromodichloromethane	9.649	83	488225	148.244	ug/l	97
48) Methyl methacrylate	9.444	41	215114	207.466	ug/l	92
49) 1,4-Dioxane	9.455	88	45217	3544.813	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	1107455	965.339	ug/l	95
52) Toluene	10.391	92	876378	159.107	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	478173	169.061	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	558742	168.823	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	250701	147.521	ug/l	98
56) Ethyl methacrylate	10.649	69	342988	192.893	ug/l	91
57) 1,3-Dichloropropane	10.932	76	449750	163.702	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	476846	739.941	ug/l	96
59) 2-Hexanone	10.973	43	742910	958.626	ug/l	96
60) Dibromochloromethane	11.132	129	319179	140.425	ug/l	99
61) 1,2-Dibromoethane	11.232	107	250041	151.350	ug/l	98
64) Tetrachloroethene	10.867	164	296016	149.978	ug/l	98
65) Chlorobenzene	11.655	112	901434	147.319	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	327810	137.127	ug/l	98
67) Ethyl Benzene	11.732	91	1667876	158.325	ug/l	99
68) m/p-Xylenes	11.843	106	1283234	305.078	ug/l	98
69) o-Xylene	12.167	106	604143	158.065	ug/l	95
70) Styrene	12.179	104	1032686	154.791	ug/l	98
71) Bromoform	12.343	173	180556	146.426	ug/l #	99
73) Isopropylbenzene	12.467	105	1610115	171.806	ug/l	99
74) N-amyl acetate	12.273	43	405750	214.524	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	282749	164.148	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	196503m	146.236	ug/l	
77) Bromobenzene	12.749	156	352645	157.546	ug/l	93
78) n-propylbenzene	12.808	91	1966669	168.835	ug/l	98
79) 2-Chlorotoluene	12.890	91	1123103	169.402	ug/l	98
80) 1,3,5-Trimethylbenzene	12.943	105	1345235	168.549	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	90765	185.190	ug/l	90
82) 4-Chlorotoluene	12.990	91	1159732	165.578	ug/l	100
83) tert-Butylbenzene	13.208	119	1157564	168.860	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	1314389	164.419	ug/l	99
85) sec-Butylbenzene	13.385	105	1737224	164.957	ug/l	98
86) p-Isopropyltoluene	13.496	119	1434140	163.834	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	689242	145.885	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	695891	148.027	ug/l	100
89) n-Butylbenzene	13.826	91	1388662	164.582	ug/l	98
90) Hexachloroethane	14.090	117	276461	151.660	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	606425	144.516	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.484	75	49100	166.540	ug/l	89
93) 1,2,4-Trichlorobenzene	15.137	180	384428	145.855	ug/l	99
94) Hexachlorobutadiene	15.243	225	199514	128.943	ug/l	99
95) Naphthalene	15.373	128	811884	177.966	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	338702	145.036	ug/l	99

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

