

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074184.D
 Acq On : 23 Aug 2022 12:08
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 23 12:47:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 12:44:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	179438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	284790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	256169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	127478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	157856	93.106	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 186.220%#			
35) Dibromofluoromethane	7.909	113	173438	93.713	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 187.420%#			
50) Toluene-d8	10.332	98	545628	94.946	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 189.900%#			
62) 4-Bromofluorobenzene	12.620	95	225627	97.214	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 194.420%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	145005	83.665	ug/l	99
3) Chloromethane	2.209	50	110155	57.561	ug/l	97
4) Vinyl Chloride	2.344	62	120911	49.069	ug/l	100
5) Bromomethane	2.750	94	75761	38.680	ug/l	92
6) Chloroethane	2.909	64	77015	37.603	ug/l	98
7) Trichlorofluoromethane	3.262	101	331915	87.338	ug/l	97
8) Diethyl Ether	3.703	74	94259	114.304	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.085	101	198658	96.110	ug/l	96
10) Methyl Iodide	4.291	142	254337	132.118	ug/l	99
11) Tert butyl alcohol	5.226	59	55636	473.466	ug/l	99
12) 1,1-Dichloroethene	4.062	96	189247	109.637	ug/l	90
13) Acrolein	3.920	56	21092	228.103	ug/l	99
14) Allyl chloride	4.709	41	294934	130.521	ug/l	94
15) Acrylonitrile	5.415	53	211034	631.125	ug/l	99
16) Acetone	4.156	43	186666	520.645	ug/l	95
17) Carbon Disulfide	4.403	76	595681	131.328	ug/l	99
18) Methyl Acetate	4.715	43	103534	113.960	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	446624	118.971	ug/l	98
20) Methylene Chloride	4.950	84	213199	78.713	ug/l	86
21) trans-1,2-Dichloroethene	5.467	96	220801	116.294	ug/l	90
22) Diisopropyl ether	6.356	45	590676	124.026	ug/l #	92
23) Vinyl Acetate	6.297	43	1655383	675.500	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	373150	113.952	ug/l	99
25) 2-Butanone	7.203	43	272820	569.818	ug/l	91
26) 2,2-Dichloropropane	7.203	77	340371	102.959	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	240343	109.186	ug/l	91
28) Bromochloromethane	7.538	49	112490	96.060	ug/l #	76
29) Tetrahydrofuran	7.556	42	171100	640.871	ug/l	90
30) Chloroform	7.703	83	388547	103.541	ug/l	97
31) Cyclohexane	7.979	56	340468	120.722	ug/l	89
32) 1,1,1-Trichloroethane	7.897	97	368399	104.921	ug/l	95
36) 1,1-Dichloropropene	8.103	75	308505	117.682	ug/l	96
37) Ethyl Acetate	7.285	43	122849	119.576	ug/l #	95
38) Carbon Tetrachloride	8.091	117	327219	110.439	ug/l	99
39) Methylcyclohexane	9.344	83	372721	127.211	ug/l	96
40) Benzene	8.344	78	842776	114.145	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	65605	121.202	ug/l #	84
42) 1,2-Dichloroethane	8.414	62	245098	111.811	ug/l	97
43) Isopropyl Acetate	8.444	43	235492	123.724	ug/l #	93
44) Trichloroethene	9.103	130	236581	110.148	ug/l	95
45) 1,2-Dichloropropane	9.379	63	202533	113.601	ug/l	100
46) Dibromomethane	9.467	93	113265	102.422	ug/l	95
47) Bromodichloromethane	9.650	83	285712	100.575	ug/l	98
48) Methyl methacrylate	9.450	41	112326	126.911	ug/l	90
49) 1,4-Dioxane	9.455	88	25855	2361.592	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	590433	604.939	ug/l	93
52) Toluene	10.397	92	548156	113.911	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	283384	115.709	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	326068	114.108	ug/l	89
55) 1,1,2-Trichloroethane	10.791	97	150480	102.684	ug/l	98
56) Ethyl methacrylate	10.650	69	194404	126.200	ug/l	87
57) 1,3-Dichloropropane	10.932	76	259054	109.195	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	252599	461.051	ug/l	92
59) 2-Hexanone	10.973	43	408320	612.520	ug/l	92
60) Dibromochloromethane	11.132	129	196630	99.319	ug/l	99
61) 1,2-Dibromoethane	11.232	107	151186	105.267	ug/l	99
64) Tetrachloroethene	10.867	164	193838	115.114	ug/l	96
65) Chlorobenzene	11.661	112	569495	110.112	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	210171	104.096	ug/l	99
67) Ethyl Benzene	11.732	91	1033034	116.314	ug/l	99
68) m/p-Xylenes	11.844	106	809018	226.738	ug/l	97
69) o-Xylene	12.167	106	383466	118.148	ug/l	92
70) Styrene	12.185	104	641462	113.424	ug/l	97
71) Bromoform	12.349	173	113560	108.435	ug/l #	99
73) Isopropylbenzene	12.467	105	1010500	117.537	ug/l	98
74) N-amyl acetate	12.279	43	218655	129.577	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	164481	105.619	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	116091m	97.823	ug/l	
77) Bromobenzene	12.744	156	231732	112.756	ug/l	88
78) n-propylbenzene	12.808	91	1229359	115.617	ug/l	96
79) 2-Chlorotoluene	12.891	91	692059	114.300	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	854891	116.622	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	53221	120.823	ug/l	89
82) 4-Chlorotoluene	12.991	91	719156	112.325	ug/l	98
83) tert-Butylbenzene	13.208	119	735143	117.022	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	836035	114.043	ug/l	98
85) sec-Butylbenzene	13.385	105	1095554	113.461	ug/l	98
86) p-Isopropyltoluene	13.496	119	913249	113.338	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	445972	102.715	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	445892	102.959	ug/l	98
89) n-Butylbenzene	13.826	91	862927	112.047	ug/l	98
90) Hexachloroethane	14.091	117	173491	103.668	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	394158	102.372	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	28350	107.542	ug/l	90
93) 1,2,4-Trichlorobenzene	15.138	180	252085	103.855	ug/l	100
94) Hexachlorobutadiene	15.243	225	133504	93.060	ug/l	99
95) Naphthalene	15.379	128	491639	117.628	ug/l	100
96) 1,2,3-Trichlorobenzene	15.567	180	219136	102.462	ug/l	99

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

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