

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062322\
 Data File : VD073667.D
 Acq On : 23 Jun 2022 14:35
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/30/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 24 06:57:38 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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	218068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	341300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	323008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	166124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	117160	46.760	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.520%		
35) Dibromofluoromethane	7.903	113	120515	48.326	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.660%		
50) Toluene-d8	10.332	98	431325	48.665	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.320%		
62) 4-Bromofluorobenzene	12.620	95	160813	49.371	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	93047	44.379	ug/l	100
3) Chloromethane	2.209	50	84299	44.554	ug/l	100
4) Vinyl Chloride	2.344	62	89762	50.066	ug/l	100
5) Bromomethane	2.762	94	64217	45.509	ug/l	100
6) Chloroethane	2.921	64	61098	51.552	ug/l	100
7) Trichlorofluoromethane	3.268	101	210633	50.161	ug/l	100
8) Diethyl Ether	3.703	74	54737	50.136	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	118094	48.864	ug/l	100
10) Methyl Iodide	4.297	142	122338	52.894	ug/l	100
11) Tert butyl alcohol	5.197	59	66953	228.243	ug/l #	100
12) 1,1-Dichloroethene	4.067	96	106284	50.438	ug/l	100
13) Acrolein	3.920	56	11701	173.573	ug/l	100
14) Allyl chloride	4.709	41	156013	51.655	ug/l	100
15) Acrylonitrile	5.420	53	130249	263.057	ug/l	100
16) Acetone	4.150	43	105885	260.761	ug/l	100
17) Carbon Disulfide	4.403	76	262366	44.231	ug/l	100
18) Methyl Acetate	4.720	43	55166	43.024	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	279861	55.817	ug/l	100
20) Methylene Chloride	4.956	84	132944	41.777	ug/l	100
21) trans-1,2-Dichloroethene	5.467	96	125552	50.303	ug/l	100
22) Diisopropyl ether	6.356	45	362937	53.423	ug/l	100
23) Vinyl Acetate	6.303	43	995955	280.481	ug/l	100
24) 1,1-Dichloroethane	6.256	63	231965	50.819	ug/l	100
25) 2-Butanone	7.209	43	152663	260.878	ug/l	100
26) 2,2-Dichloropropane	7.203	77	220082	52.164	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	151057	52.116	ug/l	100
28) Bromochloromethane	7.538	49	83551	49.534	ug/l	100
29) Tetrahydrofuran	7.556	42	95621	265.114	ug/l	100
30) Chloroform	7.703	83	262705	50.770	ug/l	100
31) Cyclohexane	7.979	56	182251	47.856	ug/l	100
32) 1,1,1-Trichloroethane	7.897	97	237036	51.314	ug/l	100
36) 1,1-Dichloropropene	8.108	75	178817	51.194	ug/l	100
37) Ethyl Acetate	7.285	43	70751	52.726	ug/l	100
38) Carbon Tetrachloride	8.091	117	205531	51.611	ug/l	100
39) Methylcyclohexane	9.350	83	200517	52.015	ug/l	100
40) Benzene	8.344	78	520966	51.618	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	44426	59.091	ug/l	100
42) 1,2-Dichloroethane	8.414	62	153578	50.720	ug/l	100
43) Isopropyl Acetate	8.444	43	139534	54.706	ug/l	100
44) Trichloroethene	9.103	130	147754	51.231	ug/l	100
45) 1,2-Dichloropropane	9.379	63	132390	52.169	ug/l	100
46) Dibromomethane	9.467	93	72963	50.740	ug/l	100
47) Bromodichloromethane	9.655	83	197309	52.443	ug/l	100
48) Methyl methacrylate	9.450	41	71793m	55.932	ug/l	
49) 1,4-Dioxane	9.455	88	17641	1083.246	ug/l	100
51) 4-Methyl-2-Pentanone	10.220	43	364731	279.676	ug/l	100
52) Toluene	10.397	92	345552	52.519	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	180921	52.855	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	207500	51.742	ug/l	100
55) 1,1,2-Trichloroethane	10.791	97	108062	52.958	ug/l	100
56) Ethyl methacrylate	10.655	69	122348	54.421	ug/l	100
57) 1,3-Dichloropropane	10.938	76	174907	52.304	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	233193	258.975	ug/l	100
59) 2-Hexanone	10.973	43	248410	276.663	ug/l	100
60) Dibromochloromethane	11.132	129	143367	53.699	ug/l	100
61) 1,2-Dibromoethane	11.238	107	101224	52.045	ug/l	100
64) Tetrachloroethene	10.867	164	121189	50.274	ug/l	100
65) Chlorobenzene	11.661	112	381822	52.481	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	153040	53.987	ug/l	100
67) Ethyl Benzene	11.738	91	680385	54.927	ug/l	100
68) m/p-Xylenes	11.844	106	529334	108.965	ug/l	100
69) o-Xylene	12.173	106	246605	54.446	ug/l	100
70) Styrene	12.185	104	432772	55.671	ug/l	100
71) Bromoform	12.349	173	81838	53.141	ug/l #	100
73) Isopropylbenzene	12.467	105	671762	55.626	ug/l	100
74) N-amyl acetate	12.279	43	135997	55.640	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.720	83	119231	52.359	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	72580m	45.935	ug/l	
77) Bromobenzene	12.749	156	155965	53.038	ug/l	100
78) n-propylbenzene	12.808	91	814689	55.180	ug/l	100
79) 2-Chlorotoluene	12.896	91	470952	54.301	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	573124	55.602	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	37554	53.804	ug/l	100
82) 4-Chlorotoluene	12.991	91	499929	54.007	ug/l	100
83) tert-Butylbenzene	13.208	119	509855	56.742	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	565701	55.601	ug/l	100
85) sec-Butylbenzene	13.385	105	729471	55.000	ug/l	100
86) p-Isopropyltoluene	13.502	119	611386	55.790	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	318595	52.588	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	318237	52.870	ug/l	100
89) n-Butylbenzene	13.826	91	578119	55.951	ug/l	100
90) Hexachloroethane	14.096	117	122957	52.410	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	280659	53.609	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	18692	52.836	ug/l	100
93) 1,2,4-Trichlorobenzene	15.143	180	166705	54.520	ug/l	100
94) Hexachlorobutadiene	15.249	225	91981	53.092	ug/l	100
95) Naphthalene	15.379	128	306960	57.664	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	146534	55.177	ug/l	100

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

