

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060122\
 Data File : VD073459.D
 Acq On : 01 Jun 2022 20:39
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/02/2022
 Supervised By :Mahesh Dadoda 06/02/2022

Quant Time: Jun 02 08:54:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	299728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	498928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	490780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	253139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	160470	48.445	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.880%		
35) Dibromofluoromethane	7.908	113	172666	52.446	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.900%		
50) Toluene-d8	10.332	98	607041	50.020	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.040%		
62) 4-Bromofluorobenzene	12.620	95	228591	53.672	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	149053	49.768	ug/l	97
3) Chloromethane	2.209	50	138823	40.992	ug/l	98
4) Vinyl Chloride	2.344	62	132732	42.862	ug/l	95
5) Bromomethane	2.756	94	94009	47.121	ug/l	97
6) Chloroethane	2.909	64	86380	45.375	ug/l	96
7) Trichlorofluoromethane	3.262	101	259918	47.467	ug/l	99
8) Diethyl Ether	3.709	74	76380	50.762	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.091	101	152193	46.583	ug/l	94
10) Methyl Iodide	4.291	142	160558	45.549	ug/l	99
11) Tert butyl alcohol	5.220	59	43313	84.279	ug/l	98
12) 1,1-Dichloroethene	4.062	96	143322	47.581	ug/l	88
13) Acrolein	3.920	56	37634	180.498	ug/l	97
14) Allyl chloride	4.709	41	219471	45.139	ug/l #	89
15) Acrylonitrile	5.414	53	178078	258.819	ug/l	97
16) Acetone	4.150	43	129810	226.250	ug/l #	83
17) Carbon Disulfide	4.403	76	466070	46.675	ug/l	98
18) Methyl Acetate	4.703	43	82137	51.483	ug/l #	88
19) Methyl tert-butyl Ether	5.479	73	354515	51.662	ug/l	99
20) Methylene Chloride	4.956	84	193477	53.439	ug/l	87
21) trans-1,2-Dichloroethene	5.467	96	177500	48.737	ug/l	84
22) Diisopropyl ether	6.356	45	492289	48.299	ug/l	92
23) Vinyl Acetate	6.297	43	1380954	254.006	ug/l #	93
24) 1,1-Dichloroethane	6.261	63	303002	46.314	ug/l	97
25) 2-Butanone	7.203	43	208476	248.360	ug/l	94
26) 2,2-Dichloropropane	7.203	77	234852	42.093	ug/l	95
27) cis-1,2-Dichloroethene	7.208	96	195696	48.561	ug/l	88
28) Bromochloromethane	7.538	49	100655	44.658	ug/l #	75
29) Tetrahydrofuran	7.556	42	141592	260.866	ug/l #	88
30) Chloroform	7.703	83	330966	48.456	ug/l	98
31) Cyclohexane	7.979	56	245514	42.414	ug/l #	82
32) 1,1,1-Trichloroethane	7.891	97	282283	47.253	ug/l	95
36) 1,1-Dichloropropene	8.103	75	236260	47.715	ug/l	95
37) Ethyl Acetate	7.285	43	98759	50.495	ug/l #	92
38) Carbon Tetrachloride	8.091	117	245699	48.952	ug/l	99
39) Methylcyclohexane	9.350	83	269100	48.766	ug/l	98
40) Benzene	8.344	78	702551	49.232	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	58329	51.188	ug/l #	89
42) 1,2-Dichloroethane	8.414	62	196786	49.560	ug/l	94
43) Isopropyl Acetate	8.444	43	186771	51.665	ug/l #	91
44) Trichloroethene	9.108	130	187879	49.372	ug/l	95
45) 1,2-Dichloropropane	9.379	63	177881	49.497	ug/l	98
46) Dibromomethane	9.467	93	101616	51.483	ug/l	95
47) Bromodichloromethane	9.650	83	254401	50.373	ug/l	98
48) Methyl methacrylate	9.450	41	90657	49.845	ug/l #	83
49) 1,4-Dioxane	9.455	88	24050	1179.888	ug/l #	88
51) 4-Methyl-2-Pentanone	10.220	43	511070	272.195	ug/l	91
52) Toluene	10.391	92	462894	51.332	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	230430	50.505	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	270231	49.493	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	141246	52.919	ug/l	94
56) Ethyl methacrylate	10.650	69	164575	55.458	ug/l	86
57) 1,3-Dichloropropane	10.938	76	232857	51.995	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	375548	264.947	ug/l	93
59) 2-Hexanone	10.973	43	347437	280.674	ug/l	92
60) Dibromochloromethane	11.132	129	175772	52.814	ug/l	99
61) 1,2-Dibromoethane	11.232	107	137606	53.953	ug/l	98
64) Tetrachloroethene	10.867	164	158190	49.211	ug/l	96
65) Chlorobenzene	11.661	112	493657	49.031	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	188911	50.592	ug/l	98
67) Ethyl Benzene	11.732	91	880134	49.797	ug/l	99
68) m/p-Xylenes	11.844	106	694740	101.174	ug/l	97
69) o-Xylene	12.167	106	319209	50.602	ug/l	95
70) Styrene	12.185	104	567292	52.270	ug/l	97
71) Bromoform	12.349	173	103539	53.877	ug/l #	100
73) Isopropylbenzene	12.467	105	831933	46.100	ug/l	99
74) N-amyl acetate	12.273	43	186207	47.299	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.714	83	159844	48.026	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	110845m	44.628	ug/l	
77) Bromobenzene	12.749	156	203615	47.931	ug/l	90
78) n-propylbenzene	12.808	91	1044358	46.097	ug/l	98
79) 2-Chlorotoluene	12.896	91	607719	46.458	ug/l	97
80) 1,3,5-Trimethylbenzene	12.944	105	729780	47.739	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	49209	47.564	ug/l	85
82) 4-Chlorotoluene	12.991	91	637781	46.516	ug/l	98
83) tert-Butylbenzene	13.208	119	598281	46.437	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	735465	48.700	ug/l	99
85) sec-Butylbenzene	13.385	105	909203	46.217	ug/l	99
86) p-Isopropyltoluene	13.502	119	754248	47.034	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	409868	47.867	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	399297	46.196	ug/l	99
89) n-Butylbenzene	13.826	91	702882	46.002	ug/l	99
90) Hexachloroethane	14.096	117	152758	46.037	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	358563	48.398	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	24970	48.991	ug/l	84
93) 1,2,4-Trichlorobenzene	15.143	180	207568	49.349	ug/l	99
94) Hexachlorobutadiene	15.249	225	110087	46.447	ug/l	99
95) Naphthalene	15.379	128	401102	48.532	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	185798	49.828	ug/l	100

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

