

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080222\
 Data File : VD073936.D
 Acq On : 02 Aug 2022 20:02
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/03/2022
 Supervised By :Mahesh Dadoda 08/03/2022

Quant Time: Aug 03 04:15:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	150440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	252327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	240599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	129227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	71778	58.804	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.600%			
35) Dibromofluoromethane	7.903	113	76714	48.933	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.860%			
50) Toluene-d8	10.326	98	247496	46.866	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.740%			
62) 4-Bromofluorobenzene	12.620	95	97280	50.092	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.180%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	63673	48.361	ug/l	94
3) Chloromethane	2.209	50	115387	60.363	ug/l	96
4) Vinyl Chloride	2.344	62	145365	61.665	ug/l	99
5) Bromomethane	2.762	94	64153	38.537	ug/l	94
6) Chloroethane	2.915	64	93057	56.128	ug/l	97
7) Trichlorofluoromethane	3.262	101	237609	94.025	ug/l	98
8) Diethyl Ether	3.703	74	33626	52.869	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.079	101	72974	48.713	ug/l	99
10) Methyl Iodide	4.291	142	68170	41.617	ug/l	96
11) Tert butyl alcohol	5.220	59	26503	307.062	ug/l	100
12) 1,1-Dichloroethene	4.062	96	65818	49.588	ug/l	99
13) Acrolein	3.914	56	26967	287.377	ug/l	99
14) Allyl chloride	4.703	41	86166	48.013	ug/l	97
15) Acrylonitrile	5.414	53	69584	255.554	ug/l	98
16) Acetone	4.156	43	53969	187.540	ug/l	99
17) Carbon Disulfide	4.397	76	201273	49.267	ug/l	99
18) Methyl Acetate	4.714	43	34264	52.727	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	167175	52.023	ug/l	99
20) Methylene Chloride	4.950	84	83873	43.954	ug/l	97
21) trans-1,2-Dichloroethene	5.461	96	78326	49.516	ug/l	94
22) Diisopropyl ether	6.361	45	206369	52.964	ug/l	97
23) Vinyl Acetate	6.297	43	588677	285.863	ug/l	100
24) 1,1-Dichloroethane	6.256	63	131857	50.028	ug/l	99
25) 2-Butanone	7.208	43	90034	245.213	ug/l	99
26) 2,2-Dichloropropane	7.197	77	115999	43.527	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	89497	50.255	ug/l	99
28) Bromochloromethane	7.538	49	50029	56.881	ug/l	98
29) Tetrahydrofuran	7.561	42	58485	272.613	ug/l	100
30) Chloroform	7.703	83	151988	50.608	ug/l	96
31) Cyclohexane	7.973	56	108709	46.665	ug/l	99
32) 1,1,1-Trichloroethane	7.897	97	138303	48.364	ug/l	99
36) 1,1-Dichloropropene	8.102	75	108539	48.609	ug/l	99
37) Ethyl Acetate	7.285	43	45264	54.431	ug/l	97
38) Carbon Tetrachloride	8.091	117	122538	48.989	ug/l	99
39) Methylcyclohexane	9.344	83	124910	47.726	ug/l	95
40) Benzene	8.344	78	304703	49.731	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	24953	51.980	ug/l	95
42) 1,2-Dichloroethane	8.414	62	95032	50.534	ug/l	100
43) Isopropyl Acetate	8.444	43	88376	53.668	ug/l	99
44) Trichloroethene	9.102	130	86733	46.989	ug/l	98
45) 1,2-Dichloropropane	9.379	63	72370	49.087	ug/l	99
46) Dibromomethane	9.467	93	50039	52.769	ug/l	96
47) Bromodichloromethane	9.649	83	118461	50.432	ug/l	94
48) Methyl methacrylate	9.449	41	40643	52.888	ug/l	98
49) 1,4-Dioxane	9.455	88	10540	1054.638	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	217745	264.849	ug/l	100
52) Toluene	10.391	92	210909	50.587	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	108121	50.004	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	119841	48.955	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	62281	51.065	ug/l	94
56) Ethyl methacrylate	10.649	69	74070	53.340	ug/l	97
57) 1,3-Dichloropropane	10.932	76	102390	51.872	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	163927	308.473	ug/l	99
59) 2-Hexanone	10.973	43	149999	269.618	ug/l	99
60) Dibromochloromethane	11.126	129	84783	51.522	ug/l	96
61) 1,2-Dibromoethane	11.232	107	63219	51.139	ug/l	97
64) Tetrachloroethene	10.867	164	72600	42.400	ug/l	97
65) Chlorobenzene	11.655	112	221104	46.356	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	87373	47.822	ug/l	97
67) Ethyl Benzene	11.732	91	398464	47.299	ug/l	97
68) m/p-Xylenes	11.843	106	324812	97.260	ug/l	99
69) o-Xylene	12.167	106	149687	47.856	ug/l	99
70) Styrene	12.179	104	266285	50.403	ug/l	99
71) Bromoform	12.343	173	49424	49.253	ug/l #	98
73) Isopropylbenzene	12.467	105	397407	44.600	ug/l	99
74) N-amyl acetate	12.273	43	85521	47.929	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	71713	47.245	ug/l	96
76) 1,2,3-Trichloropropane	12.767	75	45824m	46.932	ug/l	
77) Bromobenzene	12.743	156	93350	44.504	ug/l	95
78) n-propylbenzene	12.808	91	485653	44.819	ug/l	99
79) 2-Chlorotoluene	12.890	91	276344	44.581	ug/l	97
80) 1,3,5-Trimethylbenzene	12.943	105	347142	45.857	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	20667	45.883	ug/l	97
82) 4-Chlorotoluene	12.990	91	289391	44.538	ug/l	100
83) tert-Butylbenzene	13.208	119	291868	44.281	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	346356	46.314	ug/l	99
85) sec-Butylbenzene	13.385	105	442242	44.343	ug/l	99
86) p-Isopropyltoluene	13.496	119	379930	45.352	ug/l	100
87) 1,3-Dichlorobenzene	13.496	146	195527	44.639	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	195069	44.959	ug/l	98
89) n-Butylbenzene	13.826	91	343818	44.509	ug/l	100
90) Hexachloroethane	14.090	117	70396	45.855	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	171825	45.880	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	12394	47.938	ug/l	94
93) 1,2,4-Trichlorobenzene	15.137	180	100708	43.244	ug/l	99
94) Hexachlorobutadiene	15.243	225	52984	41.877	ug/l	99
95) Naphthalene	15.373	128	193931	45.592	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	89160	44.292	ug/l	97

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

