

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100521\
 Data File : VD070566.D
 Acq On : 05 Oct 2021 12:00
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 06 08:34:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 08:30:50 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 10/06/2021
 Supervised By :Mahesh Dadoda 10/07/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	347289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	621926	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	597328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	281245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	81436	19.93	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.86%#		
35) Dibromofluoromethane	7.914	113	83398	20.17	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.34%#		
50) Toluene-d8	10.332	98	315484	19.96	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	39.92%#		
62) 4-Bromofluorobenzene	12.626	95	105609	19.99	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	39.98%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	85719	20.24	ug/l	97
3) Chloromethane	2.209	50	109381	20.80	ug/l	92
4) Vinyl Chloride	2.350	62	118742	20.37	ug/l	98
5) Bromomethane	2.756	94	78464	19.75	ug/l	93
6) Chloroethane	2.915	64	75506	20.29	ug/l	95
7) Trichlorofluoromethane	3.273	101	152414	20.18	ug/l	100
8) Diethyl Ether	3.709	74	38735	19.71	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	92810	20.27	ug/l	99
10) Methyl Iodide	4.303	142	83627	19.67	ug/l	97
11) Tert butyl alcohol	5.220	59	20015	98.66	ug/l #	90
12) 1,1-Dichloroethene	4.068	96	79401	19.48	ug/l	89
13) Acrolein	3.926	56	19594	100.80	ug/l	99
14) Allyl chloride	4.715	41	109537	19.31	ug/l	99
15) Acrylonitrile	5.420	53	85963	100.83	ug/l	96
16) Acetone	4.150	43	63801	91.93	ug/l #	88
17) Carbon Disulfide	4.409	76	300659	20.21	ug/l	97
18) Methyl Acetate	4.715	43	54759	20.45	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	155740	19.18	ug/l	98
20) Methylene Chloride	4.962	84	123375	19.05	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	96999	20.24	ug/l	88
22) Diisopropyl ether	6.362	45	238696	20.48	ug/l	95
23) Vinyl Acetate	6.309	43	504178	97.83	ug/l	98
24) 1,1-Dichloroethane	6.262	63	174705	20.35	ug/l	97
25) 2-Butanone	7.209	43	87039	95.78	ug/l	100
26) 2,2-Dichloropropane	7.209	77	143679	20.23	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	98803	19.61	ug/l	98
28) Bromochloromethane	7.544	49	57845	19.36	ug/l	100
29) Tetrahydrofuran	7.561	42	59703	101.93	ug/l	96
30) Chloroform	7.709	83	182342	20.42	ug/l	100
31) Cyclohexane	7.985	56	148990	19.69	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	154559	20.10	ug/l	99
36) 1,1-Dichloropropene	8.114	75	133031	20.14	ug/l	99
37) Ethyl Acetate	7.291	43	43699	19.91	ug/l	100
38) Carbon Tetrachloride	8.091	117	136866	19.80	ug/l	98
39) Methylcyclohexane	9.356	83	141831	18.67	ug/l	96
40) Benzene	8.350	78	392050	20.14	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	20752	18.34	ug/l #	93
42) 1,2-Dichloroethane	8.420	62	102208	20.30	ug/l	98
43) Isopropyl Acetate	8.450	43	78244	19.46	ug/l	98
44) Trichloroethene	9.108	130	95876	19.97	ug/l	99
45) 1,2-Dichloropropane	9.385	63	103250	20.78	ug/l	94
46) Dibromomethane	9.473	93	51143	20.06	ug/l	99
47) Bromodichloromethane	9.661	83	133457	20.28	ug/l	97
48) Methyl methacrylate	9.450	41	34301	18.20	ug/l	88
49) 1,4-Dioxane	9.456	88	10194	393.41	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	208182	100.35	ug/l	99
52) Toluene	10.397	92	239730	20.04	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	112033	19.45	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	137879	19.88	ug/l	95
55) 1,1,2-Trichloroethane	10.791	97	71816	20.67	ug/l	98
56) Ethyl methacrylate	10.655	69	70335	18.96	ug/l	98
57) 1,3-Dichloropropane	10.944	76	119303	20.19	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	163936	97.94	ug/l	97
59) 2-Hexanone	10.979	43	138423	98.58	ug/l	98
60) Dibromochloromethane	11.138	129	84239	20.13	ug/l	100
61) 1,2-Dibromoethane	11.238	107	63457	19.62	ug/l	99
64) Tetrachloroethene	10.873	164	74743	19.51	ug/l	95
65) Chlorobenzene	11.661	112	255561	20.06	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	94321	19.91	ug/l	100
67) Ethyl Benzene	11.738	91	417433	18.99	ug/l	97
68) m/p-Xylenes	11.850	106	347868	40.19	ug/l	100
69) o-Xylene	12.173	106	149946	19.48	ug/l	98
70) Styrene	12.185	104	273008	20.13	ug/l	99
71) Bromoform	12.349	173	45953	20.66	ug/l #	97
73) Isopropylbenzene	12.473	105	394247	19.23	ug/l	98
74) N-amyl acetate	12.279	43	75745	19.60	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	78823	19.66	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	50827m	30.36	ug/l	
77) Bromobenzene	12.755	156	90295	19.70	ug/l	98
78) n-propylbenzene	12.814	91	505323	19.47	ug/l	99
79) 2-Chlorotoluene	12.897	91	298948	19.64	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	349208	19.97	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	22219	19.38	ug/l	97
82) 4-Chlorotoluene	12.997	91	322664	20.28	ug/l	99
83) tert-Butylbenzene	13.214	119	273487	18.92	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	345675	19.87	ug/l	99
85) sec-Butylbenzene	13.391	105	437371	19.52	ug/l	98
86) p-Isopropyltoluene	13.508	119	358693	19.60	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	190921	19.83	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	187135	19.61	ug/l	98
89) n-Butylbenzene	13.832	91	325714	18.65	ug/l	100
90) Hexachloroethane	14.096	117	76355	19.30	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	162160	19.76	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	11374	19.65	ug/l	90
93) 1,2,4-Trichlorobenzene	15.149	180	85309	19.31	ug/l	97
94) Hexachlorobutadiene	15.249	225	54193	19.41	ug/l	99
95) Naphthalene	15.385	128	140818	17.65	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	74616	19.17	ug/l	98

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

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