

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
 Data File : VD070833.D
 Acq On : 26 Oct 2021 11:26
 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 27 04:57:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 04:55:36 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	407142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	663360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	636821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	320180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	82359	19.959	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.920%#		
35) Dibromofluoromethane	7.914	113	87891	20.100	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.200%#		
50) Toluene-d8	10.332	98	327113	19.923	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	39.840%#		
62) 4-Bromofluorobenzene	12.626	95	106975	19.729	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	39.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	73547	19.832	ug/l	100
3) Chloromethane	2.209	50	108251	20.252	ug/l	98
4) Vinyl Chloride	2.344	62	118453	20.174	ug/l	99
5) Bromomethane	2.750	94	81223	19.330	ug/l	95
6) Chloroethane	2.909	64	73623	20.267	ug/l	92
7) Trichlorofluoromethane	3.267	101	143310	20.064	ug/l	96
8) Diethyl Ether	3.709	74	40365	19.765	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	92563	20.094	ug/l	98
10) Methyl Iodide	4.297	142	75145	17.777	ug/l	99
11) Tert butyl alcohol	5.214	59	22607	102.691	ug/l #	85
12) 1,1-Dichloroethene	4.067	96	78907	19.174	ug/l	96
13) Acrolein	3.920	56	19698	98.593	ug/l	92
14) Allyl chloride	4.708	41	125091	19.481	ug/l	99
15) Acrylonitrile	5.414	53	97551	100.717	ug/l	100
16) Acetone	4.156	43	85302	90.328	ug/l	95
17) Carbon Disulfide	4.403	76	272114	18.847	ug/l	98
18) Methyl Acetate	4.714	43	66440	20.307	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	167901	19.814	ug/l	96
20) Methylene Chloride	4.967	84	122325	19.136	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	95190	19.782	ug/l	94
22) Diisopropyl ether	6.361	45	274436	20.592	ug/l	95
23) Vinyl Acetate	6.303	43	576849m	101.233	ug/l	
24) 1,1-Dichloroethane	6.255	63	177517	19.765	ug/l	99
25) 2-Butanone	7.208	43	111988	94.998	ug/l #	87
26) 2,2-Dichloropropane	7.202	77	138047	19.394	ug/l	97
27) cis-1,2-Dichloroethene	7.202	96	99731	18.981	ug/l	97
28) Bromochloromethane	7.544	49	71044	19.889	ug/l	99
29) Tetrahydrofuran	7.567	42	70315	98.264	ug/l	98
30) Chloroform	7.708	83	181473	20.226	ug/l	99
31) Cyclohexane	7.979	56	157226	18.927	ug/l	88
32) 1,1,1-Trichloroethane	7.902	97	154782	20.153	ug/l	100
36) 1,1-Dichloropropene	8.108	75	135554	19.634	ug/l	99
37) Ethyl Acetate	7.291	43	53600	20.723	ug/l	98
38) Carbon Tetrachloride	8.097	117	133996	19.549	ug/l	94
39) Methylcyclohexane	9.349	83	148186	18.833	ug/l	96
40) Benzene	8.350	78	393720	19.786	ug/l	95

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41) Methacrylonitrile	7.514	41	26568	19.640	ug/l	87
42) 1,2-Dichloroethane	8.420	62	102587	20.204	ug/l	100
43) Isopropyl Acetate	8.449	43	95526	19.984	ug/l	98
44) Trichloroethene	9.108	130	96797	18.834	ug/l	87
45) 1,2-Dichloropropane	9.385	63	108394	20.435	ug/l	98
46) Dibromomethane	9.473	93	52281	19.966	ug/l	98
47) Bromodichloromethane	9.655	83	135972	20.377	ug/l	98
48) Methyl methacrylate	9.449	41	46125	20.034	ug/l	94
49) 1,4-Dioxane	9.455	88	10564	377.985	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	255536	102.011	ug/l	98
52) Toluene	10.396	92	242599	20.039	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	117036	19.779	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	142873	19.752	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	75647	20.360	ug/l	96
56) Ethyl methacrylate	10.655	69	77613	19.097	ug/l	98
57) 1,3-Dichloropropane	10.938	76	125969	20.238	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	177608	101.148	ug/l	99
59) 2-Hexanone	10.979	43	179206	100.255	ug/l	96
60) Dibromochloromethane	11.132	129	85423	19.489	ug/l	96
61) 1,2-Dibromoethane	11.238	107	67531	19.844	ug/l	99
64) Tetrachloroethene	10.873	164	82244	19.069	ug/l	96
65) Chlorobenzene	11.661	112	254760	19.483	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	95779	19.898	ug/l	100
67) Ethyl Benzene	11.738	91	431201	19.115	ug/l	98
68) m/p-Xylenes	11.849	106	350456	39.802	ug/l	99
69) o-Xylene	12.173	106	153509	19.290	ug/l	100
70) Styrene	12.185	104	274041	20.025	ug/l	99
71) Bromoform	12.349	173	51681	19.957	ug/l #	99
73) Isopropylbenzene	12.473	105	402496	18.797	ug/l	99
74) N-amyl acetate	12.279	43	92173	19.685	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	87113	19.957	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	64207m	22.299	ug/l	
77) Bromobenzene	12.755	156	99779	19.332	ug/l	98
78) n-propylbenzene	12.808	91	528035	19.374	ug/l	100
79) 2-Chlorotoluene	12.896	91	303795	19.400	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	351775	19.502	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	23325	19.635	ug/l	88
82) 4-Chlorotoluene	12.996	91	323063	19.633	ug/l	98
83) tert-Butylbenzene	13.214	119	282798	18.812	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	351760	19.791	ug/l	97
85) sec-Butylbenzene	13.390	105	457700	19.465	ug/l	99
86) p-Isopropyltoluene	13.502	119	365825	19.206	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	207986	19.526	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	206367	19.674	ug/l	98
89) n-Butylbenzene	13.832	91	353590	19.010	ug/l	96
90) Hexachloroethane	14.096	117	82298	19.687	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	181046	19.971	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	12109	19.139	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	98311	18.642	ug/l	99
94) Hexachlorobutadiene	15.249	225	66630	19.393	ug/l	99
95) Naphthalene	15.384	128	161195	18.311	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	89495	19.632	ug/l	99

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

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