

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
 Data File : VN065637.D
 Acq On : 27 Jan 2021 18:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/28/2021 2:14:11 PM

Quant Time: Jan 28 02:18:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	171072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	309514	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	272065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	113634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	104864	46.59	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.18%		
35) Dibromofluoromethane	7.547	113	87298	47.60	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.20%		
50) Toluene-d8	10.058	98	339866	47.14	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.28%		
62) 4-Bromofluorobenzene	12.370	95	124530	47.97	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.94%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.837	85	96528	50.37	ug/l	99
3) Chloromethane	2.036	50	135925	48.27	ug/l	100
4) Vinyl Chloride	2.168	62	141463	49.61	ug/l	99
5) Bromomethane	2.541	94	83767	50.75	ug/l	99
6) Chloroethane	2.679	64	83250	50.47	ug/l	100
7) Trichlorofluoromethane	2.994	101	150130	50.36	ug/l	99
8) Diethyl Ether	3.380	74	69815	49.13	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.717	101	92560	51.16	ug/l	94
10) Methyl Iodide	3.907	142	135927	51.26	ug/l	97
11) Tert butyl alcohol	4.769	59	80283	190.44	ug/l	100
12) 1,1-Dichloroethene	3.695	96	98837	47.46	ug/l	93
13) Acrolein	3.573	56	80179	222.24	ug/l	100
14) Allyl chloride	4.274	41	194095	50.27	ug/l	92
15) Acrylonitrile	4.939	53	264030	240.41	ug/l	100
16) Acetone	3.785	43	193566	220.93	ug/l	97
17) Carbon Disulfide	4.004	76	293589	44.78	ug/l	97
18) Methyl Acetate	4.283	43	116511	47.46	ug/l	98
19) Methyl tert-butyl Ether	4.997	73	347042	49.92	ug/l	96
20) Methylene Chloride	4.502	84	117707	48.52	ug/l	97
21) trans-1,2-Dichloroethene	4.988	96	107837	48.72	ug/l	89
22) Diisopropyl ether	5.910	45	394348	49.97	ug/l	94
23) Vinyl Acetate	5.849	43	1587763	251.87	ug/l	98
24) 1,1-Dichloroethane	5.798	63	214976	51.11	ug/l	98
25) 2-Butanone	6.795	43	327466	238.36	ug/l	94
26) 2,2-Dichloropropane	6.775	77	166585	49.48	ug/l	98
27) cis-1,2-Dichloroethene	6.778	96	126023	49.69	ug/l	93
28) Bromochloromethane	7.151	49	81230	45.96	ug/l	84
29) Tetrahydrofuran	7.174	42	222885	223.68	ug/l	97
30) Chloroform	7.328	83	195776	50.53	ug/l	99
31) Cyclohexane	7.611	56	196897	46.52	ug/l	94
32) 1,1,1-Trichloroethane	7.528	97	155803	49.40	ug/l	98
36) 1,1-Dichloropropene	7.749	75	154096	49.47	ug/l	97
37) Ethyl Acetate	6.888	43	147609	49.40	ug/l	98
38) Carbon Tetrachloride	7.730	117	130272	50.81	ug/l	99
39) Methylcyclohexane	9.045	83	177192	46.63	ug/l	97
40) Benzene	8.000	78	477018	50.15	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	70724	44.08	ug/l #	100
42) 1,2-Dichloroethane	8.087	62	150696	52.55	ug/l	100
43) Isopropyl Acetate	8.129	43	254034	47.94	ug/l #	92
44) Trichloroethene	8.801	130	116401	50.44	ug/l	96
45) 1,2-Dichloropropane	9.084	63	132648	50.68	ug/l	97
46) Dibromomethane	9.174	93	73954	51.16	ug/l	92
47) Bromodichloromethane	9.367	83	154280	49.75	ug/l	99
48) Methyl methacrylate	9.164	41	120528	47.95	ug/l	94
49) 1,4-Dioxane	9.174	88	32614	801.85	ug/l	88
51) 4-Methyl-2-Pentanone	9.952	43	711441	243.57	ug/l	100
52) Toluene	10.122	92	291554	51.75	ug/l	98
53) t-1,3-Dichloropropene	10.351	75	181340	50.21	ug/l	100
54) cis-1,3-Dichloropropene	9.807	75	203559	50.60	ug/l	97
55) 1,1,2-Trichloroethane	10.531	97	108134	50.32	ug/l	95
56) Ethyl methacrylate	10.399	69	180023	50.66	ug/l	95
57) 1,3-Dichloropropane	10.675	76	195163	51.60	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.663	63	389669	237.41	ug/l	94
59) 2-Hexanone	10.720	43	491058	242.15	ug/l	98
60) Dibromochloromethane	10.872	129	110963	50.52	ug/l	99
61) 1,2-Dibromoethane	10.974	107	109889	51.31	ug/l	98
64) Tetrachloroethene	10.598	164	108371	47.53	ug/l	95
65) Chlorobenzene	11.402	112	288217	50.64	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.476	131	101245	50.32	ug/l	98
67) Ethyl Benzene	11.479	91	538609	50.38	ug/l	96
68) m/p-Xylenes	11.592	106	393879	101.76	ug/l	96
69) o-Xylene	11.917	106	192448	51.31	ug/l	97
70) Styrene	11.933	104	317262	51.39	ug/l	99
71) Bromoform	12.097	173	69974	50.31	ug/l #	99
73) Isopropylbenzene	12.219	105	489050	49.15	ug/l	99
74) N-amyl acetate	12.042	43	219624	52.19	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.476	83	144347	49.12	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	141580m	47.65	ug/l	
77) Bromobenzene	12.495	156	108431	50.33	ug/l	76
78) n-propylbenzene	12.560	91	571420	48.73	ug/l	97
79) 2-Chlorotoluene	12.643	91	339463	48.75	ug/l	96
80) 1,3,5-Trimethylbenzene	12.704	105	408904	48.27	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	56333	48.56	ug/l	91
82) 4-Chlorotoluene	12.743	91	349911	49.22	ug/l	95
83) tert-Butylbenzene	12.965	119	332895	47.12	ug/l	100
84) 1,2,4-Trimethylbenzene	13.010	105	411569	48.71	ug/l	98
85) sec-Butylbenzene	13.142	105	443724	46.53	ug/l	98
86) p-Isopropyltoluene	13.257	119	397442	47.20	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	191677	49.91	ug/l	96
88) 1,4-Dichlorobenzene	13.334	146	189182	48.54	ug/l	97
89) n-Butylbenzene	13.585	91	355810	47.03	ug/l	99
90) Hexachloroethane	13.846	117	69997	47.51	ug/l	92
91) 1,2-Dichlorobenzene	13.624	146	191070	50.15	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	27822	47.71	ug/l	89
93) 1,2,4-Trichlorobenzene	14.878	180	105457	45.97	ug/l	100
94) Hexachlorobutadiene	14.977	225	41930	44.54	ug/l	97
95) Naphthalene	15.100	128	345570	47.15	ug/l	100
96) 1,2,3-Trichlorobenzene	15.277	180	103596	45.81	ug/l	100

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

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