

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012921\
 Data File : VN065691.D
 Acq On : 29 Jan 2021 20:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/3/2021 9:45:20 AM

Quant Time: Jan 30 01:07:37 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	145317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	264890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	236741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	101747	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	91189	47.70	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.40%		
35) Dibromofluoromethane	7.550	113	78194	49.81	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.62%		
50) Toluene-d8	10.058	98	298128	48.32	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.64%		
62) 4-Bromofluorobenzene	12.373	95	109384	49.23	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.46%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	81216	49.89	ug/l	99
3) Chloromethane	2.036	50	119224	49.84	ug/l	99
4) Vinyl Chloride	2.168	62	121102	50.00	ug/l	100
5) Bromomethane	2.534	94	71683	51.12	ug/l	99
6) Chloroethane	2.676	64	69030	49.26	ug/l	98
7) Trichlorofluoromethane	2.991	101	127157	50.21	ug/l	100
8) Diethyl Ether	3.380	74	59576	49.35	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.717	101	77327	50.32	ug/l	95
10) Methyl Iodide	3.904	142	115417	51.24	ug/l	97
11) Tert butyl alcohol	4.772	59	79615	222.32	ug/l #	85
12) 1,1-Dichloroethene	3.695	96	82314	46.53	ug/l	94
13) Acrolein	3.570	56	75443	244.23	ug/l	96
14) Allyl chloride	4.274	41	158238	48.25	ug/l	90
15) Acrylonitrile	4.939	53	233173	249.94	ug/l	99
16) Acetone	3.785	43	167592	225.18	ug/l	98
17) Carbon Disulfide	4.004	76	237163	42.58	ug/l	98
18) Methyl Acetate	4.283	43	104418	50.07	ug/l	97
19) Methyl tert-butyl Ether	5.000	73	285699	48.38	ug/l	96
20) Methylene Chloride	4.499	84	98395	47.74	ug/l	96
21) trans-1,2-Dichloroethene	4.987	96	89558	47.64	ug/l	90
22) Diisopropyl ether	5.907	45	331246	49.41	ug/l	94
23) Vinyl Acetate	5.846	43	1308093	244.28	ug/l	97
24) 1,1-Dichloroethane	5.795	63	180350	50.47	ug/l	97
25) 2-Butanone	6.794	43	287653	246.49	ug/l	96
26) 2,2-Dichloropropane	6.775	77	121074	42.34	ug/l	100
27) cis-1,2-Dichloroethene	6.782	96	106829	49.59	ug/l	95
28) Bromochloromethane	7.148	49	69534	46.31	ug/l	83
29) Tetrahydrofuran	7.174	42	198679	234.73	ug/l	96
30) Chloroform	7.328	83	163938	49.81	ug/l	99
31) Cyclohexane	7.608	56	165082	45.91	ug/l	94
32) 1,1,1-Trichloroethane	7.524	97	129380	48.29	ug/l	98
36) 1,1-Dichloropropene	7.749	75	128320	48.14	ug/l	98
37) Ethyl Acetate	6.888	43	123154	48.16	ug/l	97
38) Carbon Tetrachloride	7.730	117	105618	48.13	ug/l	97
39) Methylcyclohexane	9.042	83	146350	45.00	ug/l	96
40) Benzene	8.000	78	406424	49.93	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	57433	41.83	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	125370	51.09	ug/l	99
43) Isopropyl Acetate	8.129	43	212163	46.79	ug/l #	92
44) Trichloroethene	8.798	130	97889	49.56	ug/l	98
45) 1,2-Dichloropropane	9.081	63	112898	50.40	ug/l	99
46) Dibromomethane	9.174	93	61755	49.91	ug/l	92
47) Bromodichloromethane	9.367	83	128020	48.23	ug/l	99
48) Methyl methacrylate	9.164	41	100165	46.57	ug/l	93
49) 1,4-Dioxane	9.174	88	33551	963.85	ug/l	90
51) 4-Methyl-2-Pentanone	9.952	43	612465	245.00	ug/l	99
52) Toluene	10.122	92	241513	50.09	ug/l	98
53) t-1,3-Dichloropropene	10.351	75	146429	47.37	ug/l	98
54) cis-1,3-Dichloropropene	9.807	75	166554	48.37	ug/l	97
55) 1,1,2-Trichloroethane	10.531	97	93395	50.78	ug/l	96
56) Ethyl methacrylate	10.399	69	150153	49.37	ug/l #	94
57) 1,3-Dichloropropane	10.675	76	165577	51.15	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.663	63	335801	239.06	ug/l	94
59) 2-Hexanone	10.720	43	425524	245.18	ug/l	98
60) Dibromochloromethane	10.871	129	93768	49.88	ug/l	99
61) 1,2-Dibromoethane	10.974	107	92596	50.51	ug/l	99
64) Tetrachloroethene	10.598	164	92834	46.79	ug/l	96
65) Chlorobenzene	11.402	112	246944	49.86	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	86465	49.39	ug/l	98
67) Ethyl Benzene	11.479	91	451694	48.55	ug/l	97
68) m/p-Xylenes	11.592	106	332144	98.61	ug/l	98
69) o-Xylene	11.916	106	162004	49.64	ug/l	99
70) Styrene	11.933	104	270208	50.30	ug/l	99
71) Bromoform	12.097	173	57823	47.78	ug/l #	98
73) Isopropylbenzene	12.219	105	419481	47.09	ug/l	100
74) N-amyl acetate	12.042	43	177890	47.21	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.473	83	123864	47.08	ug/l	96
76) 1,2,3-Trichloropropane	12.524	75	120695m	45.36	ug/l	
77) Bromobenzene	12.495	156	95206	49.36	ug/l	79
78) n-propylbenzene	12.563	91	480231	45.74	ug/l	98
79) 2-Chlorotoluene	12.643	91	287493	46.11	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	353573	46.61	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	44766	43.10	ug/l	92
82) 4-Chlorotoluene	12.743	91	293808	46.15	ug/l	96
83) tert-Butylbenzene	12.965	119	288520	45.61	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	351893	46.51	ug/l	99
85) sec-Butylbenzene	13.141	105	379450	44.44	ug/l	98
86) p-Isopropyltoluene	13.257	119	342388	45.41	ug/l	99
87) 1,3-Dichlorobenzene	13.251	146	165755	48.20	ug/l	96
88) 1,4-Dichlorobenzene	13.334	146	166548	47.73	ug/l	98
89) n-Butylbenzene	13.585	91	292219	43.14	ug/l	99
90) Hexachloroethane	13.842	117	58218	44.13	ug/l	92
91) 1,2-Dichlorobenzene	13.624	146	166689	48.86	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	23842	45.66	ug/l	92
93) 1,2,4-Trichlorobenzene	14.878	180	88821	43.44	ug/l	100
94) Hexachlorobutadiene	14.977	225	34895	41.41	ug/l	98
95) Naphthalene	15.100	128	288535	44.20	ug/l	100
96) 1,2,3-Trichlorobenzene	15.276	180	88249	43.72	ug/l	99

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

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