

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021021\
 Data File : VN065805.D
 Acq On : 10 Feb 2021 19:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/11/2021 1:17:52 PM

Quant Time: Feb 11 01:26:56 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	7.621	168	128160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	217985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	196637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	92361	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	72629	43.08	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 86.16%			
35) Dibromofluoromethane	7.547	113	66361	51.37	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.74%			
50) Toluene-d8	10.055	98	248808	49.00	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.00%			
62) 4-Bromofluorobenzene	12.370	95	94724	51.80	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.837	85	84631	58.95	ug/l	98
3) Chloromethane	2.039	50	109708	52.00	ug/l	100
4) Vinyl Chloride	2.168	62	115152	53.90	ug/l	99
5) Bromomethane	2.528	94	51633	41.75	ug/l	99
6) Chloroethane	2.676	64	65186	52.75	ug/l	98
7) Trichlorofluoromethane	2.991	101	127703	57.18	ug/l	98
8) Diethyl Ether	3.377	74	54143	50.85	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.711	101	77201	56.96	ug/l	99
10) Methyl Iodide	3.904	142	94766	47.70	ug/l	97
11) Tert butyl alcohol	4.759	59	56647	179.36	ug/l	99
12) 1,1-Dichloroethene	3.692	96	80560	51.64	ug/l	98
13) Acrolein	3.566	56	50268	188.94	ug/l	96
14) Allyl chloride	4.271	41	128911	44.57	ug/l	91
15) Acrylonitrile	4.933	53	192394	233.84	ug/l	98
16) Acetone	3.779	43	139585	212.66	ug/l	97
17) Carbon Disulfide	4.001	76	233592	47.56	ug/l	98
18) Methyl Acetate	4.280	43	81079	44.08	ug/l	99
19) Methyl tert-butyl Ether	5.000	73	247063	47.44	ug/l	98
20) Methylene Chloride	4.496	84	91994	50.61	ug/l	96
21) trans-1,2-Dichloroethene	4.981	96	84846	51.17	ug/l	97
22) Diisopropyl ether	5.907	45	263516	44.57	ug/l	96
23) Vinyl Acetate	5.846	43	1048005	221.91	ug/l	100
24) 1,1-Dichloroethane	5.795	63	155629	49.39	ug/l	99
25) 2-Butanone	6.795	43	226769	220.33	ug/l	98
26) 2,2-Dichloropropane	6.772	77	110931	43.98	ug/l	99
27) cis-1,2-Dichloroethene	6.779	96	98965	52.09	ug/l	99
28) Bromochloromethane	7.148	49	49646	37.49	ug/l	95
29) Tetrahydrofuran	7.171	42	157377	210.82	ug/l	100
30) Chloroform	7.328	83	147342	50.76	ug/l	100
31) Cyclohexane	7.608	56	144232	45.48	ug/l	98
32) 1,1,1-Trichloroethane	7.524	97	121034	51.22	ug/l	99
36) 1,1-Dichloropropene	7.750	75	117949	53.77	ug/l	100
37) Ethyl Acetate	6.885	43	101059	48.02	ug/l	97
38) Carbon Tetrachloride	7.730	117	101996	56.48	ug/l	99
39) Methylcyclohexane	9.042	83	139538	52.14	ug/l	98
40) Benzene	8.000	78	366895	54.77	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.123	41	47000	41.60	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	108365	53.66	ug/l	98
43) Isopropyl Acetate	8.129	43	164943	44.20	ug/l	94
44) Trichloroethene	8.798	130	95192	58.57	ug/l	97
45) 1,2-Dichloropropane	9.084	63	95677	51.91	ug/l	98
46) Dibromomethane	9.171	93	57016	56.00	ug/l	98
47) Bromodichloromethane	9.367	83	112784	51.64	ug/l	99
48) Methyl methacrylate	9.164	41	80029	45.21	ug/l	96
49) 1,4-Dioxane	9.168	88	26207	914.87	ug/l	92
51) 4-Methyl-2-Pentanone	9.952	43	494798	240.52	ug/l	98
52) Toluene	10.122	92	232052	58.48	ug/l	96
53) t-1,3-Dichloropropene	10.351	75	129533	50.92	ug/l	98
54) cis-1,3-Dichloropropene	9.804	75	146795	51.81	ug/l	94
55) 1,1,2-Trichloroethane	10.531	97	86815	57.36	ug/l	96
56) Ethyl methacrylate	10.399	69	132094	52.78	ug/l #	92
57) 1,3-Dichloropropane	10.676	76	149545	56.14	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.663	63	245186	212.11	ug/l	98
59) 2-Hexanone	10.720	43	349186	244.49	ug/l	96
60) Dibromochloromethane	10.872	129	88586	57.27	ug/l	98
61) 1,2-Dibromoethane	10.975	107	88744	58.83	ug/l	99
64) Tetrachloroethene	10.598	164	88668	53.81	ug/l	99
65) Chlorobenzene	11.402	112	244779	59.50	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.479	131	81921	56.33	ug/l	98
67) Ethyl Benzene	11.479	91	429279	55.55	ug/l	100
68) m/p-Xylenes	11.592	106	330212	118.03	ug/l	98
69) o-Xylene	11.917	106	160958	59.37	ug/l	96
70) Styrene	11.933	104	267411	59.93	ug/l	99
71) Bromoform	12.097	173	56271	55.98	ug/l #	99
73) Isopropylbenzene	12.219	105	416403	51.49	ug/l	100
74) N-amyl acetate	12.042	43	148843	43.51	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.473	83	119146	49.89	ug/l	98
76) 1,2,3-Trichloropropane	12.524	75	109784m	45.46	ug/l	
77) Bromobenzene	12.495	156	99161	56.63	ug/l	90
78) n-propylbenzene	12.560	91	470528	49.37	ug/l	100
79) 2-Chlorotoluene	12.643	91	280859	49.62	ug/l	99
80) 1,3,5-Trimethylbenzene	12.704	105	355459	51.63	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	34367	36.45	ug/l	94
82) 4-Chlorotoluene	12.743	91	290205	50.22	ug/l	98
83) tert-Butylbenzene	12.962	119	295916	51.54	ug/l	96
84) 1,2,4-Trimethylbenzene	13.010	105	356665	51.94	ug/l	98
85) sec-Butylbenzene	13.142	105	386203	49.82	ug/l	100
86) p-Isopropyltoluene	13.257	119	349557	51.07	ug/l	99
87) 1,3-Dichlorobenzene	13.251	146	175988	56.38	ug/l	98
88) 1,4-Dichlorobenzene	13.331	146	173268	54.70	ug/l	98
89) n-Butylbenzene	13.585	91	293952	47.81	ug/l	98
90) Hexachloroethane	13.843	117	54801	45.76	ug/l	97
91) 1,2-Dichlorobenzene	13.621	146	171975	55.53	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	21305	44.95	ug/l	95
93) 1,2,4-Trichlorobenzene	14.878	180	91343	48.76	ug/l	99
94) Hexachlorobutadiene	14.978	225	38625	50.45	ug/l	98
95) Naphthalene	15.097	128	284524	47.72	ug/l	100
96) 1,2,3-Trichlorobenzene	15.277	180	92113	49.85	ug/l	99

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

