

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021621\
 Data File : VN065873.D
 Acq On : 16 Feb 2021 14:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/17/2021 10:36:09 AM

Quant Time: Feb 16 16:39:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 15 10:57:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	142890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	244239	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	220150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	98135	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	77504	41.23	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	82.46%		
35) Dibromofluoromethane	7.544	113	72457	50.06	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.12%		
50) Toluene-d8	10.055	98	277323	48.75	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.50%		
62) 4-Bromofluorobenzene	12.370	95	107240	52.35	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.70%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.833	85	80413	50.24	ug/l	98
3) Chloromethane	2.036	50	103031	43.80	ug/l	98
4) Vinyl Chloride	2.164	62	110479	46.38	ug/l	99
5) Bromomethane	2.521	94	70413	51.07	ug/l	96
6) Chloroethane	2.669	64	62991	45.72	ug/l	98
7) Trichlorofluoromethane	2.984	101	122867	49.34	ug/l	100
8) Diethyl Ether	3.373	74	55275	46.57	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.708	101	77906	51.56	ug/l	96
10) Methyl Iodide	3.897	142	119422	53.92	ug/l	96
11) Tert butyl alcohol	4.759	59	65170	185.08	ug/l	99
12) 1,1-Dichloroethene	3.688	96	79972	45.97	ug/l	98
13) Acrolein	3.563	56	69678	230.49	ug/l	98
14) Allyl chloride	4.264	41	124661	38.66	ug/l	90
15) Acrylonitrile	4.933	53	195248	212.84	ug/l	99
16) Acetone	3.775	43	181893	248.55	ug/l	93
17) Carbon Disulfide	3.997	76	226706	41.40	ug/l	100
18) Methyl Acetate	4.280	43	81121	39.56	ug/l	95
19) Methyl tert-butyl Ether	4.994	73	260613	44.88	ug/l	99
20) Methylene Chloride	4.492	84	93545	46.16	ug/l	96
21) trans-1,2-Dichloroethene	4.978	96	87395	47.27	ug/l	96
22) Diisopropyl ether	5.904	45	255679	38.79	ug/l	94
23) Vinyl Acetate	5.843	43	1013242	192.44	ug/l	97
24) 1,1-Dichloroethane	5.788	63	155932	44.38	ug/l	99
25) 2-Butanone	6.791	43	245537	213.97	ug/l	97
26) 2,2-Dichloropropane	6.769	77	121173	43.09	ug/l	98
27) cis-1,2-Dichloroethene	6.775	96	100158	47.28	ug/l	98
28) Bromochloromethane	7.145	49	58897	39.89	ug/l	98
29) Tetrahydrofuran	7.171	42	153346	184.25	ug/l	94
30) Chloroform	7.325	83	147682	45.63	ug/l	99
31) Cyclohexane	7.605	56	142520	40.31	ug/l	96
32) 1,1,1-Trichloroethane	7.521	97	120346	45.68	ug/l	99
36) 1,1-Dichloropropene	7.746	75	119966	48.81	ug/l	100
37) Ethyl Acetate	6.884	43	99583	42.23	ug/l #	94
38) Carbon Tetrachloride	7.727	117	100360	49.60	ug/l	99
39) Methylcyclohexane	9.042	83	143334	47.80	ug/l	99
40) Benzene	7.997	78	372715	49.66	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.119	41	47230	37.31	ug/l #	100
42) 1,2-Dichloroethane	8.081	62	107638	47.57	ug/l	96
43) Isopropyl Acetate	8.126	43	162659	38.90	ug/l	94
44) Trichloroethene	8.798	130	95168	52.26	ug/l	99
45) 1,2-Dichloropropane	9.081	63	97100	47.02	ug/l	98
46) Dibromomethane	9.171	93	57865	50.72	ug/l	96
47) Bromodichloromethane	9.367	83	115885	47.35	ug/l	98
48) Methyl methacrylate	9.164	41	80891	40.79	ug/l	92
49) 1,4-Dioxane	9.167	88	31830	991.72	ug/l	95
51) 4-Methyl-2-Pentanone	9.949	43	475201	206.17	ug/l	92
52) Toluene	10.119	92	234501	52.74	ug/l	98
53) t-1,3-Dichloropropene	10.347	75	135058	47.39	ug/l	98
54) cis-1,3-Dichloropropene	9.804	75	154532	48.68	ug/l #	91
55) 1,1,2-Trichloroethane	10.531	97	90545	53.39	ug/l	100
56) Ethyl methacrylate	10.396	69	134339	47.91	ug/l #	88
57) 1,3-Dichloropropane	10.675	76	151422	50.73	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.659	63	267379	206.44	ug/l	99
59) 2-Hexanone	10.720	43	358048	223.75	ug/l	92
60) Dibromochloromethane	10.868	129	87770	50.64	ug/l	99
61) 1,2-Dibromoethane	10.974	107	89815	53.14	ug/l	100
64) Tetrachloroethene	10.598	164	88919	48.20	ug/l	97
65) Chlorobenzene	11.402	112	245783	53.37	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.476	131	82616	50.74	ug/l	98
67) Ethyl Benzene	11.479	91	445599	51.50	ug/l	98
68) m/p-Xylenes	11.588	106	341661	109.08	ug/l	99
69) o-Xylene	11.916	106	163573	53.89	ug/l	98
70) Styrene	11.932	104	275934	55.23	ug/l	98
71) Bromoform	12.096	173	56776	50.45	ug/l #	99
73) Isopropylbenzene	12.219	105	424495	49.40	ug/l	100
74) N-amyl acetate	12.039	43	140142	38.56	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.476	83	118738	46.79	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	114401m	44.58	ug/l	
77) Bromobenzene	12.495	156	98865	53.14	ug/l	90
78) n-propylbenzene	12.559	91	481483	47.55	ug/l	99
79) 2-Chlorotoluene	12.643	91	289888	48.20	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	358958	49.07	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	42312	42.23	ug/l	88
82) 4-Chlorotoluene	12.743	91	296835	48.35	ug/l	98
83) tert-Butylbenzene	12.965	119	293836	48.16	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	355309	48.69	ug/l	99
85) sec-Butylbenzene	13.141	105	389565	47.30	ug/l	98
86) p-Isopropyltoluene	13.257	119	351017	48.27	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	175318	52.86	ug/l	98
88) 1,4-Dichlorobenzene	13.334	146	175747	52.22	ug/l	99
89) n-Butylbenzene	13.585	91	300155	45.94	ug/l	99
90) Hexachloroethane	13.846	117	57065	44.85	ug/l	94
91) 1,2-Dichlorobenzene	13.624	146	171011	51.97	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.241	75	20886	41.48	ug/l	95
93) 1,2,4-Trichlorobenzene	14.878	180	88534	44.78	ug/l	99
94) Hexachlorobutadiene	14.977	225	37645	46.29	ug/l	98
95) Naphthalene	15.100	128	290445	45.98	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	88520	45.35	ug/l	100

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

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