

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030221\
 Data File : VN066112.D
 Acq On : 2 Mar 2021 20:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/3/2021 11:00:27 AM

Quant Time: Mar 03 03:56:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 02 14:05:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	83162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	139881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	127302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	58262	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	62609	49.47	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.94%		
35) Dibromofluoromethane	7.547	113	43191	48.76	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.52%		
50) Toluene-d8	10.055	98	166501	48.26	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.52%		
62) 4-Bromofluorobenzene	12.370	95	63107	47.49	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.98%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.849	85	53281	49.96	ug/l	99
3) Chloromethane	2.052	50	54325	48.29	ug/l	98
4) Vinyl Chloride	2.180	62	57728	49.05	ug/l	98
5) Bromomethane	2.547	94	38896	47.50	ug/l	96
6) Chloroethane	2.688	64	32870	52.45	ug/l	100
7) Trichlorofluoromethane	3.004	101	93564	50.41	ug/l	99
8) Diethyl Ether	3.386	74	26963	50.41	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.733	101	39315	50.26	ug/l	97
10) Methyl Iodide	3.923	142	62069	51.95	ug/l	92
11) Tert butyl alcohol	4.737	59	35673	204.14	ug/l	100
12) 1,1-Dichloroethene	3.711	96	40768	47.51	ug/l	89
13) Acrolein	3.576	56	30433	218.23	ug/l	97
14) Allyl chloride	4.290	41	69005	52.46	ug/l	96
15) Acrylonitrile	4.936	53	91555	241.21	ug/l	99
16) Acetone	3.782	43	78057	206.35	ug/l	92
17) Carbon Disulfide	4.023	76	120673	47.87	ug/l	99
18) Methyl Acetate	4.286	43	38585	47.78	ug/l	96
19) Methyl tert-butyl Ether	5.003	73	149221	46.98	ug/l	96
20) Methylene Chloride	4.515	84	47421	47.63	ug/l	99
21) trans-1,2-Dichloroethene	4.997	96	45785	51.39	ug/l	90
22) Diisopropyl ether	5.907	45	131888	50.00	ug/l	97
23) Vinyl Acetate	5.846	43	550632	246.00	ug/l	97
24) 1,1-Dichloroethane	5.804	63	83943	50.96	ug/l	99
25) 2-Butanone	6.785	43	111922	223.09	ug/l	100
26) 2,2-Dichloropropane	6.778	77	81443	48.05	ug/l	94
27) cis-1,2-Dichloroethene	6.782	96	52999	50.01	ug/l	94
28) Bromochloromethane	7.151	49	33469	45.88	ug/l	97
29) Tetrahydrofuran	7.164	42	73734	227.77	ug/l	95
30) Chloroform	7.328	83	90397	49.73	ug/l	96
31) Cyclohexane	7.614	56	72636	48.00	ug/l	98
32) 1,1,1-Trichloroethane	7.531	97	85352	49.89	ug/l	99
36) 1,1-Dichloropropene	7.753	75	66412	50.51	ug/l	98
37) Ethyl Acetate	6.881	43	49313	48.14	ug/l	96
38) Carbon Tetrachloride	7.733	117	75709	50.09	ug/l	99
39) Methylcyclohexane	9.045	83	71186	50.11	ug/l	98
40) Benzene	8.003	78	192330	49.54	ug/l	99

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41) Methacrylonitrile	7.122	41	22906	43.71	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	78111	50.81	ug/l	96
43) Isopropyl Acetate	8.122	43	92617	48.32	ug/l	99
44) Trichloroethene	8.798	130	53044	48.90	ug/l	98
45) 1,2-Dichloropropane	9.080	63	46629	48.25	ug/l	99
46) Dibromomethane	9.171	93	32860	52.05	ug/l	95
47) Bromodichloromethane	9.367	83	73724	50.37	ug/l	99
48) Methyl methacrylate	9.161	41	43571	46.94	ug/l	94
49) 1,4-Dioxane	9.164	88	13768	780.07	ug/l	95
51) 4-Methyl-2-Pentanone	9.945	43	244361	232.85	ug/l	99
52) Toluene	10.122	92	125002	50.04	ug/l	94
53) t-1,3-Dichloropropene	10.347	75	82570	48.86	ug/l	98
54) cis-1,3-Dichloropropene	9.804	75	85213	48.70	ug/l	96
55) 1,1,2-Trichloroethane	10.527	97	45795	48.76	ug/l	98
56) Ethyl methacrylate	10.396	69	66398	49.83	ug/l	96
57) 1,3-Dichloropropane	10.672	76	78175	49.18	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.659	63	131321	252.71	ug/l	97
59) 2-Hexanone	10.717	43	166891	235.03	ug/l	99
60) Dibromochloromethane	10.868	129	54741	50.60	ug/l	100
61) 1,2-Dibromoethane	10.974	107	46842	48.99	ug/l	100
64) Tetrachloroethene	10.598	164	52306	49.77	ug/l	96
65) Chlorobenzene	11.402	112	131948	49.62	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.476	131	51132	50.75	ug/l	97
67) Ethyl Benzene	11.479	91	235067	49.09	ug/l	100
68) m/p-Xylenes	11.588	106	182632	98.74	ug/l	97
69) o-Xylene	11.916	106	88821	49.17	ug/l	96
70) Styrene	11.932	104	143510	50.57	ug/l	95
71) Bromoform	12.096	173	34689	49.56	ug/l #	98
73) Isopropylbenzene	12.219	105	232667	48.69	ug/l	99
74) N-amyl acetate	12.042	43	65905	47.20	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.473	83	57584	45.54	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	62617m	48.68	ug/l	
77) Bromobenzene	12.495	156	54017	49.06	ug/l	90
78) n-propylbenzene	12.559	91	255169	49.17	ug/l	99
79) 2-Chlorotoluene	12.643	91	157998	47.33	ug/l	98
80) 1,3,5-Trimethylbenzene	12.701	105	202860	47.94	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	20186	46.17	ug/l	93
82) 4-Chlorotoluene	12.743	91	163997	47.61	ug/l	96
83) tert-Butylbenzene	12.961	119	164741	47.46	ug/l	96
84) 1,2,4-Trimethylbenzene	13.010	105	199152	48.17	ug/l	100
85) sec-Butylbenzene	13.141	105	206995	48.52	ug/l	100
86) p-Isopropyltoluene	13.257	119	194977	49.09	ug/l	97
87) 1,3-Dichlorobenzene	13.251	146	96420	50.28	ug/l	97
88) 1,4-Dichlorobenzene	13.331	146	95647	47.37	ug/l	97
89) n-Butylbenzene	13.582	91	157106	50.15	ug/l	99
90) Hexachloroethane	13.842	117	29525	48.94	ug/l	99
91) 1,2-Dichlorobenzene	13.620	146	95688	50.34	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	14781	45.63	ug/l	77
93) 1,2,4-Trichlorobenzene	14.878	180	53623	53.49	ug/l	99
94) Hexachlorobutadiene	14.974	225	22198	46.31	ug/l	99
95) Naphthalene	15.096	128	159574	49.14	ug/l	99
96) 1,2,3-Trichlorobenzene	15.276	180	53971	49.78	ug/l	98

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

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