

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030221\
 Data File : VN066097.D
 Acq On : 2 Mar 2021 12:55
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 3/3/2021 11:00:41 AM

Quant Time: Mar 02 13:21:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 02 13:17:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	83888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	140540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	128487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	58687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	61328	51.76	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.52%			
35) Dibromofluoromethane	7.550	113	44133	50.38	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.76%			
50) Toluene-d8	10.055	98	167179	47.20	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.40%			
62) 4-Bromofluorobenzene	12.370	95	63451	47.60	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.20%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.846	85	55282	50.33	ug/l	96
3) Chloromethane	2.052	50	56284	42.47	ug/l	99
4) Vinyl Chloride	2.180	62	59529	45.05	ug/l	97
5) Bromomethane	2.541	94	40231	49.06	ug/l	98
6) Chloroethane	2.685	64	32387	43.58	ug/l	100
7) Trichlorofluoromethane	3.000	101	94612	55.16	ug/l	97
8) Diethyl Ether	3.386	74	27404	45.22	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.730	101	41053	46.73	ug/l	99
10) Methyl Iodide	3.923	142	63572	46.65	ug/l	92
11) Tert butyl alcohol	4.733	59	44420	268.52	ug/l	98
12) 1,1-Dichloroethene	3.711	96	43177	46.47	ug/l	94
13) Acrolein	3.576	56	34265	229.22	ug/l	96
14) Allyl chloride	4.286	41	71263	45.36	ug/l	95
15) Acrylonitrile	4.936	53	100302	228.82	ug/l	98
16) Acetone	3.785	43	89467	223.17	ug/l	92
17) Carbon Disulfide	4.023	76	124986	47.10	ug/l	98
18) Methyl Acetate	4.286	43	42315	44.71	ug/l	98
19) Methyl tert-butyl Ether	4.997	73	158332	51.99	ug/l	97
20) Methylene Chloride	4.512	84	48579	45.40	ug/l	97
21) trans-1,2-Dichloroethene	4.997	96	46021	47.16	ug/l	89
22) Diisopropyl ether	5.904	45	136479	43.73	ug/l	96
23) Vinyl Acetate	5.846	43	578614	235.55	ug/l	99
24) 1,1-Dichloroethane	5.801	63	85385	46.68	ug/l	99
25) 2-Butanone	6.788	43	129489	229.18	ug/l	99
26) 2,2-Dichloropropane	6.778	77	85793	57.60	ug/l	95
27) cis-1,2-Dichloroethene	6.782	96	53891	48.44	ug/l	92
28) Bromochloromethane	7.151	49	35612	42.55	ug/l	98
29) Tetrahydrofuran	7.167	42	83340	216.02	ug/l	95
30) Chloroform	7.328	83	91671	50.02	ug/l	98
31) Cyclohexane	7.614	56	72626	42.84	ug/l	97
32) 1,1,1-Trichloroethane	7.527	97	87552	55.78	ug/l	99
36) 1,1-Dichloropropene	7.753	75	68303	49.32	ug/l	98
37) Ethyl Acetate	6.881	43	55188	45.22	ug/l	97
38) Carbon Tetrachloride	7.733	117	77279	58.06	ug/l	99
39) Methylcyclohexane	9.042	83	73350	47.38	ug/l	98
40) Benzene	8.003	78	198120	47.10	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.119	41	27304m	47.91	ug/l	
42) 1,2-Dichloroethane	8.084	62	79167	55.55	ug/l	97
43) Isopropyl Acetate	8.122	43	97324	49.34	ug/l	98
44) Trichloroethene	8.798	130	54478	51.52	ug/l	95
45) 1,2-Dichloropropane	9.080	63	48559	45.61	ug/l	96
46) Dibromomethane	9.171	93	33920	51.26	ug/l	95
47) Bromodichloromethane	9.367	83	75374	55.24	ug/l	99
48) Methyl methacrylate	9.161	41	47391	47.78	ug/l	94
49) 1,4-Dioxane	9.164	88	17407	1012.73	ug/l	95
51) 4-Methyl-2-Pentanone	9.945	43	267109	226.45	ug/l	99
52) Toluene	10.119	92	126732	48.95	ug/l	96
53) t-1,3-Dichloropropene	10.347	75	87302	57.41	ug/l	98
54) cis-1,3-Dichloropropene	9.804	75	89242	53.04	ug/l	96
55) 1,1,2-Trichloroethane	10.531	97	46710	48.29	ug/l	98
56) Ethyl methacrylate	10.396	69	69701	48.41	ug/l	96
57) 1,3-Dichloropropane	10.672	76	81225	47.81	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.659	63	138172	205.18	ug/l	98
59) 2-Hexanone	10.717	43	190486	227.11	ug/l	100
60) Dibromochloromethane	10.868	129	55602	55.33	ug/l	97
61) 1,2-Dibromoethane	10.971	107	50286	50.90	ug/l	98
64) Tetrachloroethene	10.598	164	53390	53.06	ug/l	96
65) Chlorobenzene	11.402	112	136209	50.66	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.476	131	52797	56.32	ug/l	96
67) Ethyl Benzene	11.479	91	243898	50.27	ug/l	100
68) m/p-Xylenes	11.588	106	188290	103.52	ug/l	96
69) o-Xylene	11.916	106	90765	51.90	ug/l	96
70) Styrene	11.932	104	149736	52.15	ug/l	95
71) Bromoform	12.096	173	36455	57.33	ug/l #	100
73) Isopropylbenzene	12.219	105	239266	49.77	ug/l	100
74) N-amyl acetate	12.042	43	67139	42.30	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.473	83	62808	45.10	ug/l	100
76) 1,2,3-Trichloropropane	12.524	75	69673m	49.73	ug/l	
77) Bromobenzene	12.495	156	56468	51.20	ug/l	90
78) n-propylbenzene	12.559	91	262052	48.30	ug/l	99
79) 2-Chlorotoluene	12.643	91	163549	47.92	ug/l	99
80) 1,3,5-Trimethylbenzene	12.701	105	208614	50.90	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	22574	51.12	ug/l	96
82) 4-Chlorotoluene	12.743	91	170791	49.53	ug/l	97
83) tert-Butylbenzene	12.961	119	172239	50.86	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	205647	50.24	ug/l	99
85) sec-Butylbenzene	13.141	105	213544	48.96	ug/l	100
86) p-Isopropyltoluene	13.257	119	200813	50.55	ug/l	97
87) 1,3-Dichlorobenzene	13.254	146	98558	50.74	ug/l	97
88) 1,4-Dichlorobenzene	13.331	146	100341	50.35	ug/l	97
89) n-Butylbenzene	13.582	91	164029	49.26	ug/l	99
90) Hexachloroethane	13.842	117	30295	45.79	ug/l	98
91) 1,2-Dichlorobenzene	13.624	146	100560	51.43	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	17066	66.96	ug/l	75
93) 1,2,4-Trichlorobenzene	14.878	180	55874	64.11	ug/l	99
94) Hexachlorobutadiene	14.974	225	23539	51.98	ug/l	97
95) Naphthalene	15.096	128	174173	61.60	ug/l	99
96) 1,2,3-Trichlorobenzene	15.276	180	55704	60.44	ug/l	99

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

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