

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030221\
 Data File : VN066101.D
 Acq On : 2 Mar 2021 14:40
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN030221

Manual Integrations
 APPROVED

MMDadoda

3/3/2021 11:00:37 AM

Quant Time: Mar 03 03:51:38 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	7.621	168	90702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	149035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.373	117	135627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	64466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	63008	45.65	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.30%		
35) Dibromofluoromethane	7.544	113	44895	47.57	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.14%		
50) Toluene-d8	10.055	98	177547	48.30	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.60%		
62) 4-Bromofluorobenzene	12.370	95	68601	48.46	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.92%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.849	85	58919	50.66	ug/l	99
3) Chloromethane	2.052	50	60734	49.50	ug/l	97
4) Vinyl Chloride	2.177	62	63825	49.72	ug/l	97
5) Bromomethane	2.541	94	44298	49.60	ug/l	98
6) Chloroethane	2.685	64	34771	50.87	ug/l	99
7) Trichlorofluoromethane	3.000	101	99309	49.06	ug/l	96
8) Diethyl Ether	3.386	74	28972	49.66	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.727	101	44065	51.64	ug/l	97
10) Methyl Iodide	3.920	142	63508	48.74	ug/l	92
11) Tert butyl alcohol	4.737	59	44331	232.60	ug/l	100
12) 1,1-Dichloroethene	3.704	96	44775	47.84	ug/l	93
13) Acrolein	3.576	56	32041	210.78	ug/l	96
14) Allyl chloride	4.280	41	69842	48.68	ug/l	89
15) Acrylonitrile	4.933	53	101590	245.40	ug/l	99
16) Acetone	3.782	43	112988	273.86	ug/l	92
17) Carbon Disulfide	4.016	76	134567	48.94	ug/l	99
18) Methyl Acetate	4.283	43	42213	47.92	ug/l	96
19) Methyl tert-butyl Ether	4.994	73	161469	46.61	ug/l	96
20) Methylene Chloride	4.512	84	50019	46.06	ug/l	99
21) trans-1,2-Dichloroethene	4.994	96	49719	51.16	ug/l	94
22) Diisopropyl ether	5.904	45	142477	49.53	ug/l	98
23) Vinyl Acetate	5.843	43	595986	244.12	ug/l	96
24) 1,1-Dichloroethane	5.801	63	89143	49.62	ug/l	98
25) 2-Butanone	6.782	43	137055	250.48	ug/l	100
26) 2,2-Dichloropropane	6.775	77	93954	50.82	ug/l	93
27) cis-1,2-Dichloroethene	6.778	96	57223	49.51	ug/l	94
28) Bromochloromethane	7.148	49	38710	48.51	ug/l	97
29) Tetrahydrofuran	7.161	42	81869	231.87	ug/l	92
30) Chloroform	7.328	83	95912	48.38	ug/l	99
31) Cyclohexane	7.611	56	79581	48.22	ug/l	97
32) 1,1,1-Trichloroethane	7.524	97	89993	48.23	ug/l	98
36) 1,1-Dichloropropene	7.749	75	74096	52.89	ug/l	98
37) Ethyl Acetate	6.878	43	54761	50.18	ug/l	97
38) Carbon Tetrachloride	7.730	117	80802	50.17	ug/l	99
39) Methylcyclohexane	9.042	83	81786	54.03	ug/l	99
40) Benzene	8.000	78	209682	50.69	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.119	41	24592	44.05	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	83917	51.23	ug/l	94
43) Isopropyl Acetate	8.119	43	100034	48.98	ug/l	98
44) Trichloroethene	8.798	130	58960	51.02	ug/l	98
45) 1,2-Dichloropropane	9.080	63	52013	50.51	ug/l	100
46) Dibromomethane	9.171	93	34593	51.43	ug/l	96
47) Bromodichloromethane	9.363	83	78574	50.39	ug/l	99
48) Methyl methacrylate	9.161	41	47587	48.11	ug/l	97
49) 1,4-Dioxane	9.161	88	17347	914.01	ug/l	95
51) 4-Methyl-2-Pentanone	9.945	43	272471	243.68	ug/l	99
52) Toluene	10.119	92	136512	51.29	ug/l	96
53) t-1,3-Dichloropropene	10.347	75	91270	50.69	ug/l	99
54) cis-1,3-Dichloropropene	9.801	75	95518	51.23	ug/l	96
55) 1,1,2-Trichloroethane	10.527	97	49233	49.20	ug/l	97
56) Ethyl methacrylate	10.392	69	74297	52.33	ug/l	99
57) 1,3-Dichloropropane	10.672	76	85425	50.44	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.656	63	131265	237.09	ug/l	95
59) 2-Hexanone	10.717	43	195315	258.16	ug/l	100
60) Dibromochloromethane	10.868	129	59454	51.59	ug/l	100
61) 1,2-Dibromoethane	10.971	107	51342	50.40	ug/l	100
64) Tetrachloroethene	10.598	164	57789	51.61	ug/l	95
65) Chlorobenzene	11.399	112	145463	51.35	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.476	131	54833	51.08	ug/l	97
67) Ethyl Benzene	11.479	91	263501	51.65	ug/l	100
68) m/p-Xylenes	11.588	106	203279	103.15	ug/l	97
69) o-Xylene	11.916	106	98424	51.15	ug/l	99
70) Styrene	11.932	104	159304	52.69	ug/l	95
71) Bromoform	12.096	173	37661	50.50	ug/l #	97
73) Isopropylbenzene	12.219	105	259425	49.06	ug/l	99
74) N-amyl acetate	12.042	43	68631	44.61	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.473	83	65055	46.49	ug/l	97
76) 1,2,3-Trichloropropane	12.521	75	68919m	48.42	ug/l	
77) Bromobenzene	12.495	156	59564	48.89	ug/l	89
78) n-propylbenzene	12.559	91	286208	49.84	ug/l	98
79) 2-Chlorotoluene	12.643	91	178332	48.28	ug/l	98
80) 1,3,5-Trimethylbenzene	12.701	105	227985	48.69	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	22846	47.23	ug/l	96
82) 4-Chlorotoluene	12.743	91	184173	48.33	ug/l	99
83) tert-Butylbenzene	12.961	119	187741	48.88	ug/l	98
84) 1,2,4-Trimethylbenzene	13.006	105	228640	49.98	ug/l	99
85) sec-Butylbenzene	13.141	105	234614	49.70	ug/l	100
86) p-Isopropyltoluene	13.257	119	221989	50.51	ug/l	97
87) 1,3-Dichlorobenzene	13.251	146	109374	51.55	ug/l	97
88) 1,4-Dichlorobenzene	13.331	146	110342	49.39	ug/l	96
89) n-Butylbenzene	13.582	91	182587	52.68	ug/l	100
90) Hexachloroethane	13.842	117	34147	51.16	ug/l	97
91) 1,2-Dichlorobenzene	13.624	146	107388	51.05	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	16420	45.82	ug/l	81
93) 1,2,4-Trichlorobenzene	14.878	180	61697	55.62	ug/l	98
94) Hexachlorobutadiene	14.974	225	28127	53.03	ug/l	98
95) Naphthalene	15.096	128	180868	50.34	ug/l	99
96) 1,2,3-Trichlorobenzene	15.276	180	62086	51.75	ug/l	98

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

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