

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032521\
 Data File : VN066332.D
 Acq On : 25 Mar 2021 15:47
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

SAM
 3/29/2021 5:12:14 PM

Quant Time: Mar 26 05:33:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 05:30:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.585	168	476399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	741401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	686660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	327428	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	127073	15.03	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	30.06%#		
35) Dibromofluoromethane	7.507	113	97867	19.37	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	38.74%#		
50) Toluene-d8	10.028	98	371218	18.73	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	37.46%#		
62) 4-Bromofluorobenzene	12.345	95	132913	18.16	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	36.32%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.816	85	126723	21.28	ug/l	98
3) Chloromethane	2.014	50	139759	13.81	ug/l	100
4) Vinyl Chloride	2.145	62	143599	17.47	ug/l	100
5) Bromomethane	2.516	94	96158	20.82	ug/l	98
6) Chloroethane	2.652	64	86803	18.92	ug/l	99
7) Trichlorofluoromethane	2.963	101	198489	21.62	ug/l	98
8) Diethyl Ether	3.342	74	77948	20.86	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.680	101	111117	24.57	ug/l	100
10) Methyl Iodide	3.867	142	159612	28.51	ug/l	100
11) Tert butyl alcohol	4.709	59	111767	77.76	ug/l #	87
12) 1,1-Dichloroethene	3.658	96	109827	22.30	ug/l	95
13) Acrolein	3.532	56	55843	59.29	ug/l	100
14) Allyl chloride	4.227	41	224904	15.84	ug/l	100
15) Acrylonitrile	4.881	53	288953	70.07	ug/l	99
16) Acetone	3.739	43	387661	88.28	ug/l	100
17) Carbon Disulfide	3.967	76	328255	21.46	ug/l	99
18) Methyl Acetate	4.237	43	189730	17.54	ug/l	100
19) Methyl tert-butyl Ether	4.948	73	327094	15.76	ug/l	98
20) Methylene Chloride	4.449	84	130424	19.65	ug/l	97
21) trans-1,2-Dichloroethene	4.929	96	99647	17.97	ug/l	98
22) Diisopropyl ether	5.857	45	338514	12.31	ug/l	95
23) Vinyl Acetate	5.798	43	1492274	63.24	ug/l	98
24) 1,1-Dichloroethane	5.745	63	190931	14.88	ug/l	99
25) 2-Butanone	6.748	43	408645	63.02	ug/l	99
26) 2,2-Dichloropropane	6.724	77	171949	16.06	ug/l	100
27) cis-1,2-Dichloroethene	6.734	96	117503	17.44	ug/l	98
28) Bromochloromethane	7.104	49	96361	13.16	ug/l	98
29) Tetrahydrofuran	7.129	42	257274	57.54	ug/l	99
30) Chloroform	7.287	83	189776	16.26	ug/l	99
31) Cyclohexane	7.571	56	178792	14.70	ug/l	96
32) 1,1,1-Trichloroethane	7.485	97	170017	17.23	ug/l	99
36) 1,1-Dichloropropene	7.711	75	138091	16.92	ug/l	98
37) Ethyl Acetate	6.842	43	164164	13.68	ug/l	100
38) Carbon Tetrachloride	7.689	117	138251	19.06	ug/l	99
39) Methylcyclohexane	9.011	83	172258	19.44	ug/l	99
40) Benzene	7.963	78	429410	17.96	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	70382	12.28	ug/l	96
42) 1,2-Dichloroethane	8.049	62	153540	16.09	ug/l	100
43) Isopropyl Acetate	8.094	43	270971	13.89	ug/l	99
44) Trichloroethene	8.765	130	114704	19.88	ug/l	94
45) 1,2-Dichloropropane	9.049	63	116226	16.38	ug/l	97
46) Dibromomethane	9.140	93	75628	19.06	ug/l	99
47) Bromodichloromethane	9.336	83	155426	17.89	ug/l	99
48) Methyl methacrylate	9.135	41	127816	13.40	ug/l	100
49) 1,4-Dioxane	9.137	88	33315	363.73	ug/l	96
51) 4-Methyl-2-Pentanone	9.923	43	814599	68.89	ug/l	100
52) Toluene	10.092	92	263960	18.51	ug/l	99
53) t-1,3-Dichloropropene	10.323	75	168633	16.62	ug/l	99
54) cis-1,3-Dichloropropene	9.776	75	181505	16.64	ug/l	99
55) 1,1,2-Trichloroethane	10.503	97	106112	19.01	ug/l	100
56) Ethyl methacrylate	10.371	69	162930	17.04	ug/l	100
57) 1,3-Dichloropropane	10.647	76	177715	16.89	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	62655	21.12	ug/l	99
59) 2-Hexanone	10.693	43	598220	70.77	ug/l	99
60) Dibromochloromethane	10.843	129	118829	20.02	ug/l	99
61) 1,2-Dibromoethane	10.945	107	111791	19.51	ug/l	100
64) Tetrachloroethene	10.572	164	117018	20.66	ug/l	99
65) Chlorobenzene	11.374	112	285597	19.95	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.452	131	106830	20.04	ug/l	100
67) Ethyl Benzene	11.452	91	510171	19.11	ug/l	100
68) m/p-Xylenes	11.565	106	390514	40.22	ug/l	97
69) o-Xylene	11.892	106	188366	20.20	ug/l	98
70) Styrene	11.908	104	312163	20.41	ug/l	99
71) Bromoform	12.071	173	92885	22.60	ug/l #	100
73) Isopropylbenzene	12.192	105	491151	19.39	ug/l	100
74) N-amyl acetate	12.015	43	176758	14.46	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	159871	17.92	ug/l	96
76) 1,2,3-Trichloropropane	12.498	75	148150m	15.73	ug/l	
77) Bromobenzene	12.468	156	128940	21.77	ug/l	97
78) n-propylbenzene	12.535	91	545375	18.29	ug/l	99
79) 2-Chlorotoluene	12.616	91	331717	18.43	ug/l	99
80) 1,3,5-Trimethylbenzene	12.678	105	403117	18.92	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.243	75	48731	16.25	ug/l	97
82) 4-Chlorotoluene	12.718	91	331987	18.08	ug/l	98
83) tert-Butylbenzene	12.938	119	347242	19.17	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	389519	18.64	ug/l	100
85) sec-Butylbenzene	13.115	105	457724	19.18	ug/l	100
86) p-Isopropyltoluene	13.233	119	398308	18.77	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	207823	19.37	ug/l	100
88) 1,4-Dichlorobenzene	13.305	146	208687	19.16	ug/l	96
89) n-Butylbenzene	13.560	91	318827	16.64	ug/l	99
90) Hexachloroethane	13.815	117	72758	21.67	ug/l	98
91) 1,2-Dichlorobenzene	13.598	146	202740	19.10	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.214	75	28310	12.74	ug/l	96
93) 1,2,4-Trichlorobenzene	14.850	180	115291	19.16	ug/l	99
94) Hexachlorobutadiene	14.949	225	65121	20.89	ug/l	98
95) Naphthalene	15.070	128	340983	17.44	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	116213	18.18	ug/l	100

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

