

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066391.D
 Acq On : 29 Mar 2021 21:39
 Operator : JC/MD
 Sample : VN0329WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0329WBS02

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 7:51:19 PM

Quant Time: Mar 30 01:42:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	403678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	643987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	588619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	272435	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	277722	51.75	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.50%
35) Dibromofluoromethane	7.504	113	215229	50.41	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.82%
50) Toluene-d8	10.028	98	816491	50.42	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.84%
62) 4-Bromofluorobenzene	12.345	95	278367	49.49	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.98%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.816	85	107915	21.22	ug/l 96
3) Chloromethane	2.017	50	125781	22.84	ug/l 99
4) Vinyl Chloride	2.143	62	132504	22.77	ug/l 100
5) Bromomethane	2.510	94	90861	23.28	ug/l 98
6) Chloroethane	2.650	64	84575	23.32	ug/l 96
7) Trichlorofluoromethane	2.961	101	177543	22.19	ug/l 100
8) Diethyl Ether	3.342	74	71019	21.79	ug/l 96
9) 1,1,2-Trichlorotrifluo...	3.677	101	100187	22.18	ug/l 99
10) Methyl Iodide	3.867	142	142970	22.30	ug/l 100
11) Tert butyl alcohol	4.712	59	98732	120.64	ug/l 99
12) 1,1-Dichloroethene	3.658	96	102002	22.05	ug/l 99
13) Acrolein	3.532	56	42066	74.69	ug/l 100
14) Allyl chloride	4.227	41	210061	22.96	ug/l 99
15) Acrylonitrile	4.878	53	255555	111.97	ug/l 99
16) Acetone	3.736	43	307559	106.08	ug/l 98
17) Carbon Disulfide	3.964	76	301690	22.09	ug/l 99
18) Methyl Acetate	4.237	43	193046	25.49	ug/l 100
19) Methyl tert-butyl Ether	4.943	73	282952	20.63	ug/l 99
20) Methylene Chloride	4.447	84	125214	23.94	ug/l 97
21) trans-1,2-Dichloroethene	4.927	96	84914	20.24	ug/l 96
22) Diisopropyl ether	5.857	45	304625	21.34	ug/l 97
23) Vinyl Acetate	5.796	43	1307645	107.60	ug/l 100
24) 1,1-Dichloroethane	5.745	63	165101	20.94	ug/l 99
25) 2-Butanone	6.745	43	354264	111.78	ug/l 100
26) 2,2-Dichloropropane	6.724	77	128071	18.23	ug/l 99
27) cis-1,2-Dichloroethene	6.729	96	100845	20.61	ug/l 100
28) Bromochloromethane	7.102	49	86157	21.69	ug/l 98
29) Tetrahydrofuran	7.129	42	238655	115.41	ug/l 99
30) Chloroform	7.284	83	170247	21.61	ug/l 99
31) Cyclohexane	7.568	56	156762	21.11	ug/l 99
32) 1,1,1-Trichloroethane	7.483	97	145385	21.01	ug/l 99
36) 1,1-Dichloropropene	7.708	75	122884	20.31	ug/l 99
37) Ethyl Acetate	6.842	43	147288	22.12	ug/l 100
38) Carbon Tetrachloride	7.689	117	122514	20.14	ug/l 98
39) Methylcyclohexane	9.009	83	145666	19.75	ug/l 96
40) Benzene	7.960	78	391047	21.40	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.078	41	60252	18.24	ug/l	95
42) 1,2-Dichloroethane	8.046	62	135420	20.69	ug/l	100
43) Isopropyl Acetate	8.091	43	245151	21.54	ug/l	99
44) Trichloroethene	8.765	130	96252	20.03	ug/l	99
45) 1,2-Dichloropropane	9.049	63	104918	21.55	ug/l	95
46) Dibromomethane	9.140	93	68783	21.55	ug/l	96
47) Bromodichloromethane	9.336	83	137083	20.80	ug/l	97
48) Methyl methacrylate	9.135	41	110511	20.41	ug/l	96
49) 1,4-Dioxane	9.135	88	28976	425.71	ug/l	98
51) 4-Methyl-2-Pentanone	9.920	43	745255	112.04	ug/l	100
52) Toluene	10.092	92	236885	21.12	ug/l	100
53) t-1,3-Dichloropropene	10.320	75	144768	20.22	ug/l	100
54) cis-1,3-Dichloropropene	9.776	75	154904	20.15	ug/l	97
55) 1,1,2-Trichloroethane	10.502	97	96598	21.42	ug/l	97
56) Ethyl methacrylate	10.371	69	143269	20.71	ug/l	98
57) 1,3-Dichloropropane	10.645	76	159789	21.35	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	84574	125.31	ug/l	100
59) 2-Hexanone	10.693	43	525762	112.82	ug/l	99
60) Dibromochloromethane	10.840	129	102874	20.54	ug/l	100
61) 1,2-Dibromoethane	10.945	107	98459	20.94	ug/l	99
64) Tetrachloroethene	10.569	164	93431	18.65	ug/l	98
65) Chlorobenzene	11.374	112	242364	20.66	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.452	131	94113	20.83	ug/l	99
67) Ethyl Benzene	11.452	91	436603	20.50	ug/l	99
68) m/p-Xylenes	11.565	106	326977	40.40	ug/l	100
69) o-Xylene	11.889	106	157327	20.15	ug/l	99
70) Styrene	11.908	104	257950	20.37	ug/l	99
71) Bromoform	12.069	173	74943	19.94	ug/l #	98
73) Isopropylbenzene	12.192	105	416660	20.56	ug/l	100
74) N-amyl acetate	12.018	43	139458	19.58	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	147049	22.79	ug/l	96
76) 1,2,3-Trichloropropane	12.498	75	127797m	21.38	ug/l	
77) Bromobenzene	12.468	156	105109	20.54	ug/l	100
78) n-propylbenzene	12.535	91	462022	20.97	ug/l	100
79) 2-Chlorotoluene	12.616	91	276968	20.44	ug/l	100
80) 1,3,5-Trimethylbenzene	12.678	105	334516	20.18	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	39405	19.82	ug/l	98
82) 4-Chlorotoluene	12.718	91	275030	20.40	ug/l	100
83) tert-Butylbenzene	12.935	119	288726	20.24	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	321348	19.95	ug/l	99
85) sec-Butylbenzene	13.115	105	375388	20.30	ug/l	99
86) p-Isopropyltoluene	13.233	119	326264	19.71	ug/l	100
87) 1,3-Dichlorobenzene	13.227	146	173479	20.20	ug/l	99
88) 1,4-Dichlorobenzene	13.308	146	170725	19.15	ug/l	98
89) n-Butylbenzene	13.560	91	267347	19.55	ug/l	98
90) Hexachloroethane	13.815	117	61628	20.64	ug/l	94
91) 1,2-Dichlorobenzene	13.597	146	178491	21.14	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.214	75	26331	21.28	ug/l	98
93) 1,2,4-Trichlorobenzene	14.853	180	102552	19.59	ug/l	99
94) Hexachlorobutadiene	14.946	225	55712	19.51	ug/l	98
95) Naphthalene	15.070	128	300067	20.28	ug/l	99
96) 1,2,3-Trichlorobenzene	15.250	180	100905	19.17	ug/l	99

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

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