

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042621\
 Data File : VN066757.D
 Acq On : 26 Apr 2021 13:30
 Operator : JC/MD
 Sample : VN0426WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0426WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/27/2021 5:52:41 PM

Quant Time: Apr 26 14:40:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 22 08:25:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.588	168	310432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	477054	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	431130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	206618	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.950	65	173933	45.86	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.72%
35) Dibromofluoromethane	7.510	113	149202	49.94	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.88%
50) Toluene-d8	10.026	98	582741	50.02	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.04%
62) 4-Bromofluorobenzene	12.346	95	194233	48.68	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.36%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.835	85	58492	16.71	ug/l	97
3) Chloromethane	2.034	50	78985	15.80	ug/l	99
4) Vinyl Chloride	2.163	62	77423	17.42	ug/l	99
5) Bromomethane	2.514	94	48087	19.14	ug/l	96
6) Chloroethane	2.656	64	45944	17.60	ug/l	99
7) Trichlorofluoromethane	2.973	101	87407	18.29	ug/l	99
8) Diethyl Ether	3.356	74	35161	17.30	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.694	101	53571	17.86	ug/l	98
10) Methyl Iodide	3.884	142	75898	16.11	ug/l	97
11) Tert butyl alcohol	4.700	59	45335	94.34	ug/l	99
12) 1,1-Dichloroethene	3.673	96	52199	17.25	ug/l	95
13) Acrolein	3.546	56	43018	81.01	ug/l	97
14) Allyl chloride	4.246	41	92918	16.03	ug/l	95
15) Acrylonitrile	4.893	53	141227	86.22	ug/l	98
16) Acetone	3.753	43	110783	78.04	ug/l	100
17) Carbon Disulfide	3.984	76	162239	16.70	ug/l	99
18) Methyl Acetate	4.249	43	65872	16.73	ug/l	97
19) Methyl tert-butyl Ether	4.952	73	171842	17.39	ug/l	95
20) Methylene Chloride	4.469	84	65794	15.59	ug/l	98
21) trans-1,2-Dichloroethene	4.949	96	57817	17.40	ug/l	96
22) Diisopropyl ether	5.861	45	193477	16.46	ug/l	96
23) Vinyl Acetate	5.802	43	770220	81.24	ug/l	99
24) 1,1-Dichloroethane	5.756	63	110252	16.89	ug/l	99
25) 2-Butanone	6.743	43	170035	83.50	ug/l	96
26) 2,2-Dichloropropane	6.730	77	91219	17.01	ug/l	100
27) cis-1,2-Dichloroethene	6.738	96	66205	17.18	ug/l	97
28) Bromochloromethane	7.108	49	49299	16.05	ug/l	94
29) Tetrahydrofuran	7.124	42	118198	84.24	ug/l	97
30) Chloroform	7.288	83	107543	17.57	ug/l	100
31) Cyclohexane	7.575	56	98738	15.98	ug/l	96
32) 1,1,1-Trichloroethane	7.489	97	89635	17.53	ug/l	99
36) 1,1-Dichloropropene	7.717	75	78721	17.75	ug/l	99
37) Ethyl Acetate	6.840	43	75640	16.23	ug/l	98
38) Carbon Tetrachloride	7.698	117	77070	18.26	ug/l	98
39) Methylcyclohexane	9.012	83	94867	18.04	ug/l	95
40) Benzene	7.966	78	256370	17.96	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.100	41	37909m	18.30	ug/l	
42) 1,2-Dichloroethane	8.049	62	80358	17.63	ug/l	98
43) Isopropyl Acetate	8.092	43	126918	17.06	ug/l #	90
44) Trichloroethene	8.766	130	63279	18.63	ug/l	99
45) 1,2-Dichloropropane	9.050	63	67102	17.29	ug/l	100
46) Dibromomethane	9.141	93	41372	18.26	ug/l	99
47) Bromodichloromethane	9.337	83	84316	17.71	ug/l	100
48) Methyl methacrylate	9.136	41	52516	16.09	ug/l	94
49) 1,4-Dioxane	9.136	88	17687	448.46	ug/l	93
51) 4-Methyl-2-Pentanone	9.922	43	354233	85.11	ug/l	100
52) Toluene	10.093	92	156170	18.63	ug/l	97
53) t-1,3-Dichloropropene	10.321	75	89812	17.87	ug/l	97
54) cis-1,3-Dichloropropene	9.777	75	104160	18.18	ug/l	97
55) 1,1,2-Trichloroethane	10.501	97	60831	18.33	ug/l	97
56) Ethyl methacrylate	10.369	69	76058	16.69	ug/l	96
57) 1,3-Dichloropropane	10.646	76	100758	18.04	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.632	63	69882	93.71	ug/l	96
59) 2-Hexanone	10.694	43	208145	78.84	ug/l	99
60) Dibromochloromethane	10.841	129	65432	18.55	ug/l	99
61) 1,2-Dibromoethane	10.946	107	60720	18.62	ug/l	100
64) Tetrachloroethene	10.571	164	57584	18.92	ug/l	98
65) Chlorobenzene	11.375	112	162863	18.58	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.450	131	60979	19.16	ug/l	99
67) Ethyl Benzene	11.453	91	278487	18.48	ug/l	99
68) m/p-Xylenes	11.563	106	213123	37.94	ug/l	99
69) o-Xylene	11.890	106	102127	18.46	ug/l	99
70) Styrene	11.909	104	159740	17.41	ug/l	99
71) Bromoform	12.072	173	45257	18.75	ug/l #	98
73) Isopropylbenzene	12.193	105	266798	18.17	ug/l	99
74) N-amyl acetate	12.035	43	17811	5.10	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.448	83	88035	17.76	ug/l	98
76) 1,2,3-Trichloropropane	12.499	75	77691m	17.57	ug/l	
77) Bromobenzene	12.469	156	68970	18.15	ug/l	99
78) n-propylbenzene	12.534	91	301421	18.41	ug/l	100
79) 2-Chlorotoluene	12.617	91	188115	17.77	ug/l	100
80) 1,3,5-Trimethylbenzene	12.676	105	226729	18.17	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.249	75	18910	17.15	ug/l	94
82) 4-Chlorotoluene	12.719	91	183661	18.24	ug/l	99
83) tert-Butylbenzene	12.936	119	190029	17.09	ug/l	97
84) 1,2,4-Trimethylbenzene	12.984	105	213040	17.85	ug/l	97
85) sec-Butylbenzene	13.116	105	249200	17.84	ug/l	100
86) p-Isopropyltoluene	13.234	119	215176	18.51	ug/l	99
87) 1,3-Dichlorobenzene	13.228	146	118122	18.47	ug/l	98
88) 1,4-Dichlorobenzene	13.306	146	124581	18.12	ug/l	98
89) n-Butylbenzene	13.561	91	167730	16.20	ug/l	100
90) Hexachloroethane	13.816	117	43837	16.86	ug/l	89
91) 1,2-Dichlorobenzene	13.598	146	117372	17.97	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.218	75	13254	15.00	ug/l	94
93) 1,2,4-Trichlorobenzene	14.854	180	64503	17.86	ug/l	99
94) Hexachlorobutadiene	14.950	225	37706	18.70	ug/l	98
95) Naphthalene	15.074	128	144969	16.51	ug/l	100
96) 1,2,3-Trichlorobenzene	15.251	180	62231	17.89	ug/l	98

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

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