

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041621\
 Data File : VN066629.D
 Acq On : 16 Apr 2021 16:32
 Operator : JC/MD
 Sample : VN0416WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 2:59:13 PM

Quant Time: Apr 17 05:17:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 15 19:16:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.588	168	205137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	331438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	310395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	143900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.950	65	138854	44.87	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.74%		
35) Dibromofluoromethane	7.511	113	108720	47.30	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.60%		
50) Toluene-d8	10.026	98	413446	45.89	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.78%		
62) 4-Bromofluorobenzene	12.344	95	146182	46.15	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.30%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.833	85	44326	17.79	ug/l	96
3) Chloromethane	2.034	50	61604	16.95	ug/l	98
4) Vinyl Chloride	2.163	62	55832	17.64	ug/l	98
5) Bromomethane	2.498	94	35452	18.00	ug/l	99
6) Chloroethane	2.651	64	34568	18.22	ug/l	97
7) Trichlorofluoromethane	2.965	101	62709	17.11	ug/l	97
8) Diethyl Ether	3.354	74	27554	18.39	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.692	101	38584	17.82	ug/l	97
10) Methyl Iodide	3.882	142	55722	18.53	ug/l	99
11) Tert butyl alcohol	4.708	59	44354	89.30	ug/l #	84
12) 1,1-Dichloroethene	3.670	96	37040	17.47	ug/l	92
13) Acrolein	3.544	56	22827	86.24	ug/l	97
14) Allyl chloride	4.244	41	79214	86.70	ug/l	95
15) Acrylonitrile	4.893	53	122417	89.54	ug/l	99
16) Acetone	3.751	43	101130	85.84	ug/l	94
17) Carbon Disulfide	3.981	76	113989	15.95	ug/l	99
18) Methyl Acetate	4.247	43	62979	18.89	ug/l	92
19) Methyl tert-butyl Ether	4.952	73	140799	18.76	ug/l	94
20) Methylene Chloride	4.467	84	51767	17.70	ug/l	92
21) trans-1,2-Dichloroethene	4.949	96	42289	17.72	ug/l	90
22) Diisopropyl ether	5.861	45	170522	18.81	ug/l	92
23) Vinyl Acetate	5.802	43	690863	91.25	ug/l	96
24) 1,1-Dichloroethane	5.754	63	87645	17.75	ug/l	99
25) 2-Butanone	6.746	43	158073	86.65	ug/l	93
26) 2,2-Dichloropropane	6.733	77	69580	17.78	ug/l	98
27) cis-1,2-Dichloroethene	6.741	96	50418	18.23	ug/l	92
28) Bromochloromethane	7.108	49	44256	17.29	ug/l	82
29) Tetrahydrofuran	7.127	42	109533	89.22	ug/l	91
30) Chloroform	7.291	83	83764	18.04	ug/l	95
31) Cyclohexane	7.578	56	75461	16.96	ug/l	95
32) 1,1,1-Trichloroethane	7.492	97	68219	17.79	ug/l	97
36) 1,1-Dichloropropene	7.714	75	59307	17.75	ug/l	98
37) Ethyl Acetate	6.843	43	71033	18.75	ug/l	95
38) Carbon Tetrachloride	7.696	117	56398	18.02	ug/l	97
39) Methylcyclohexane	9.015	83	67354	17.71	ug/l	95
40) Benzene	7.967	78	196691	18.38	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.082	41	27940	16.12	ug/l #	100
42) 1,2-Dichloroethane	8.050	62	67328	18.33	ug/l	99
43) Isopropyl Acetate	8.093	43	114976	18.17	ug/l	96
44) Trichloroethene	8.766	130	45134	18.26	ug/l	97
45) 1,2-Dichloropropane	9.050	63	55553	18.65	ug/l	97
46) Dibromomethane	9.141	93	32815	18.37	ug/l	97
47) Bromodichloromethane	9.337	83	68730	18.74	ug/l	98
48) Methyl methacrylate	9.136	41	51814	18.21	ug/l	89
49) 1,4-Dioxane	9.133	88	17361	350.33	ug/l	91
51) 4-Methyl-2-Pentanone	9.919	43	340509	91.46	ug/l	95
52) Toluene	10.093	92	118305	18.77	ug/l	99
53) t-1,3-Dichloropropene	10.321	75	73351	18.52	ug/l	98
54) cis-1,3-Dichloropropene	9.774	75	81348	18.64	ug/l	94
55) 1,1,2-Trichloroethane	10.501	97	49052	18.83	ug/l	96
56) Ethyl methacrylate	10.370	69	66409	17.89	ug/l	93
57) 1,3-Dichloropropane	10.646	76	81785	18.73	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.632	63	46366	78.38	ug/l	93
59) 2-Hexanone	10.694	43	212780	83.51	ug/l	94
60) Dibromochloromethane	10.842	129	50901	18.73	ug/l	100
61) 1,2-Dibromoethane	10.944	107	48010	18.76	ug/l	100
64) Tetrachloroethene	10.571	164	39976	18.51	ug/l	97
65) Chlorobenzene	11.375	112	125525	18.59	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	47355	19.33	ug/l	98
67) Ethyl Benzene	11.453	91	216495	18.42	ug/l	97
68) m/p-Xylenes	11.563	106	164122	38.26	ug/l	97
69) o-Xylene	11.890	106	83868	20.04	ug/l	98
70) Styrene	11.909	104	125658	19.27	ug/l	97
71) Bromoform	12.070	173	36661	19.83	ug/l #	99
73) Isopropylbenzene	12.193	105	211702	19.32	ug/l	99
74) N-amyl acetate	12.032	43	19548	14.51	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.448	83	74028	18.15	ug/l	96
76) 1,2,3-Trichloropropane	12.496	75	68955m	20.49	ug/l	
77) Bromobenzene	12.470	156	54398	20.12	ug/l	93
78) n-propylbenzene	12.534	91	237862	18.77	ug/l	99
79) 2-Chlorotoluene	12.617	91	152495	19.68	ug/l	97
80) 1,3,5-Trimethylbenzene	12.679	105	180147	19.48	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.247	75	17186	17.45	ug/l	99
82) 4-Chlorotoluene	12.719	91	147413	19.33	ug/l	97
83) tert-Butylbenzene	12.936	119	147013	18.89	ug/l	97
84) 1,2,4-Trimethylbenzene	12.985	105	168209	19.27	ug/l	98
85) sec-Butylbenzene	13.116	105	195936	18.63	ug/l	99
86) p-Isopropyltoluene	13.234	119	166203	19.26	ug/l	99
87) 1,3-Dichlorobenzene	13.229	146	89023	18.62	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	89500	18.42	ug/l	97
89) n-Butylbenzene	13.561	91	129571	17.94	ug/l	98
90) Hexachloroethane	13.813	117	34337	17.99	ug/l	92
91) 1,2-Dichlorobenzene	13.599	146	88586	18.69	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.224	75	11762	16.98	ug/l	90
93) 1,2,4-Trichlorobenzene	14.854	180	47953	17.97	ug/l	98
94) Hexachlorobutadiene	14.948	225	27090	17.96	ug/l	99
95) Naphthalene	15.074	128	124421	16.94	ug/l	99
96) 1,2,3-Trichlorobenzene	15.251	180	47866	17.45	ug/l	98

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

