

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040821\
 Data File : VN066532.D
 Acq On : 8 Apr 2021 11:39
 Operator : JC/MD
 Sample : VN0408WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 1:53:20 PM

Quant Time: Apr 09 04:31:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 15:38:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.585	168	309489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	469016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	434814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	200067	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	191175	46.91	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.82%		
35) Dibromofluoromethane	7.504	113	148639	46.50	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.00%		
50) Toluene-d8	10.028	98	568961	46.84	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.68%		
62) 4-Bromofluorobenzene	12.345	95	177669	45.11	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.22%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	65949	18.86	ug/l	98
3) Chloromethane	2.017	50	83873	18.32	ug/l	97
4) Vinyl Chloride	2.143	62	89317	17.33	ug/l	100
5) Bromomethane	2.505	94	64852	17.28	ug/l	99
6) Chloroethane	2.647	64	60200	17.83	ug/l	97
7) Trichlorofluoromethane	2.955	101	122065	18.02	ug/l	98
8) Diethyl Ether	3.342	74	33458	18.07	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.677	101	53515	18.56	ug/l	99
10) Methyl Iodide	3.870	142	70679	16.80	ug/l	98
11) Tert butyl alcohol	4.685	59	54730	83.22	ug/l	97
12) 1,1-Dichloroethene	3.658	96	49867	17.34	ug/l	95
13) Acrolein	3.529	56	27509	79.72	ug/l	98
14) Allyl chloride	4.229	41	82839	17.05	ug/l #	88
15) Acrylonitrile	4.878	53	155408	83.37	ug/l	98
16) Acetone	3.733	43	141655	82.92	ug/l	97
17) Carbon Disulfide	3.967	76	156432	16.85	ug/l	99
18) Methyl Acetate	4.232	43	71291	16.68	ug/l	97
19) Methyl tert-butyl Ether	4.935	73	173076	17.11	ug/l	97
20) Methylene Chloride	4.455	84	65560	17.88	ug/l	95
21) trans-1,2-Dichloroethene	4.935	96	56321	16.91	ug/l	99
22) Diisopropyl ether	5.847	45	199693	18.16	ug/l	93
23) Vinyl Acetate	5.790	43	843771	87.96	ug/l	99
24) 1,1-Dichloroethane	5.745	63	111874	17.92	ug/l	99
25) 2-Butanone	6.737	43	208602	81.39	ug/l	97
26) 2,2-Dichloropropane	6.724	77	95875	18.01	ug/l	99
27) cis-1,2-Dichloroethene	6.729	96	64927	17.00	ug/l	97
28) Bromochloromethane	7.104	49	51941	16.06	ug/l	96
29) Tetrahydrofuran	7.115	42	138231	80.38	ug/l	97
30) Chloroform	7.281	83	113393	18.02	ug/l	100
31) Cyclohexane	7.571	56	94981	16.94	ug/l	98
32) 1,1,1-Trichloroethane	7.480	97	96778	17.77	ug/l	98
36) 1,1-Dichloropropene	7.708	75	79362	17.42	ug/l	99
37) Ethyl Acetate	6.831	43	89924	15.94	ug/l #	86
38) Carbon Tetrachloride	7.692	117	81734	17.70	ug/l	98
39) Methylcyclohexane	9.011	83	88018	16.88	ug/l	97
40) Benzene	7.963	78	255960	17.94	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.094	41	46191m	16.94	ug/l	
42) 1,2-Dichloroethane	8.046	62	90379	18.12	ug/l	100
43) Isopropyl Acetate	8.089	43	146240	16.74	ug/l	98
44) Trichloroethene	8.765	130	61264	16.67	ug/l	99
45) 1,2-Dichloropropane	9.049	63	69707	18.34	ug/l	97
46) Dibromomethane	9.143	93	43485	17.54	ug/l	100
47) Bromodichloromethane	9.336	83	91296	17.95	ug/l	97
48) Methyl methacrylate	9.132	41	61273	15.80	ug/l	94
49) 1,4-Dioxane	9.135	88	18495	351.57	ug/l	95
51) 4-Methyl-2-Pentanone	9.921	43	433818	83.62	ug/l	99
52) Toluene	10.092	92	158585	18.33	ug/l	100
53) t-1,3-Dichloropropene	10.320	75	92597	17.47	ug/l	97
54) cis-1,3-Dichloropropene	9.776	75	102109	17.56	ug/l	97
55) 1,1,2-Trichloroethane	10.500	97	63950	17.99	ug/l	98
56) Ethyl methacrylate	10.371	69	81436	16.81	ug/l	98
57) 1,3-Dichloropropane	10.647	76	104667	17.89	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	68280	113.63	ug/l	100
59) 2-Hexanone	10.693	43	279700	79.39	ug/l	99
60) Dibromochloromethane	10.840	129	69432	17.64	ug/l	99
61) 1,2-Dibromoethane	10.945	107	65464	17.81	ug/l	97
64) Tetrachloroethene	10.570	164	57297	15.69	ug/l	98
65) Chlorobenzene	11.374	112	160960	17.76	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.449	131	62236	18.11	ug/l	96
67) Ethyl Benzene	11.455	91	281778	18.06	ug/l	99
68) m/p-Xylenes	11.565	106	209277	35.98	ug/l	99
69) o-Xylene	11.892	106	99404	17.57	ug/l	98
70) Styrene	11.908	104	153389	16.71	ug/l	98
71) Bromoform	12.074	173	49344	17.81	ug/l #	96
73) Isopropylbenzene	12.195	105	260654	17.95	ug/l	99
74) N-amyl acetate	12.034	43	26993	16.83	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.450	83	88427	16.34	ug/l	99
76) 1,2,3-Trichloropropane	12.498	75	81333m	18.02	ug/l	
77) Bromobenzene	12.468	156	66888	17.38	ug/l	99
78) n-propylbenzene	12.535	91	295935	18.18	ug/l	100
79) 2-Chlorotoluene	12.619	91	179731	18.18	ug/l	99
80) 1,3,5-Trimethylbenzene	12.678	105	218713	18.17	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.248	75	21946	17.79	ug/l	99
82) 4-Chlorotoluene	12.718	91	177665	18.19	ug/l	100
83) tert-Butylbenzene	12.938	119	182306	16.75	ug/l	98
84) 1,2,4-Trimethylbenzene	12.986	105	207409	17.80	ug/l	100
85) sec-Butylbenzene	13.115	105	243092	17.87	ug/l	99
86) p-Isopropyltoluene	13.233	119	208732	17.88	ug/l	100
87) 1,3-Dichlorobenzene	13.227	146	110476	16.73	ug/l	98
88) 1,4-Dichlorobenzene	13.308	146	117683	18.07	ug/l	99
89) n-Butylbenzene	13.560	91	165504	15.77	ug/l	99
90) Hexachloroethane	13.817	117	43276	17.75	ug/l	94
91) 1,2-Dichlorobenzene	13.597	146	110124	16.86	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.233	75	13384	13.40	ug/l	98
93) 1,2,4-Trichlorobenzene	14.981	180	61853	16.78	ug/l	97
94) Hexachlorobutadiene	15.107	225	38888	17.12	ug/l	99
95) Naphthalene	15.266	128	145892	13.93	ug/l	99
96) 1,2,3-Trichlorobenzene	15.502	180	56553	15.45	ug/l	97

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

