

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022621\
 Data File : VN066046.D
 Acq On : 26 Feb 2021 13:15
 Operator : JC/MD
 Sample : VN0226WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/1/2021 10:06:33 AM

Quant Time: Feb 26 23:31:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	89554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	148246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	138565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	62040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	65707	52.47	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.94%			
35) Dibromofluoromethane	7.547	113	46096	50.24	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.48%			
50) Toluene-d8	10.055	98	175356	46.56	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 93.12%			
62) 4-Bromofluorobenzene	12.373	95	66338	46.92	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.84%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.852	85	20128	17.17	ug/l	96
3) Chloromethane	2.055	50	22060	15.02	ug/l	99
4) Vinyl Chloride	2.184	62	22635	15.64	ug/l	97
5) Bromomethane	2.553	94	16069	18.13	ug/l	96
6) Chloroethane	2.692	64	12963	15.88	ug/l	98
7) Trichlorofluoromethane	3.007	101	35270	19.57	ug/l	99
8) Diethyl Ether	3.389	74	11956	18.08	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.730	101	16721	17.54	ug/l	98
10) Methyl Iodide	3.926	142	24088	16.18	ug/l	95
11) Tert butyl alcohol	4.746	59	18648	107.09	ug/l	98
12) 1,1-Dichloroethene	3.714	96	16894	16.80	ug/l	96
13) Acrolein	3.579	56	15326	96.17	ug/l	95
14) Allyl chloride	4.286	41	29326	17.08	ug/l	99
15) Acrylonitrile	4.939	53	42334	87.67	ug/l	98
16) Acetone	3.785	43	37627	94.65	ug/l	92
17) Carbon Disulfide	4.026	76	47019	16.41	ug/l	99
18) Methyl Acetate	4.290	43	19015	18.38	ug/l	97
19) Methyl tert-butyl Ether	5.000	73	67454	20.85	ug/l	99
20) Methylene Chloride	4.515	84	20030	17.25	ug/l	97
21) trans-1,2-Dichloroethene	5.000	96	19500	18.45	ug/l	98
22) Diisopropyl ether	5.910	45	59324	17.27	ug/l	97
23) Vinyl Acetate	5.849	43	242715	90.09	ug/l	100
24) 1,1-Dichloroethane	5.804	63	35263	17.77	ug/l	99
25) 2-Butanone	6.785	43	53668	86.57	ug/l	95
26) 2,2-Dichloropropane	6.775	77	34064	21.88	ug/l	97
27) cis-1,2-Dichloroethene	6.785	96	22176	18.42	ug/l	95
28) Bromochloromethane	7.151	49	12769	13.96	ug/l #	96
29) Tetrahydrofuran	7.167	42	35027	82.07	ug/l	96
30) Chloroform	7.328	83	38815	19.80	ug/l	94
31) Cyclohexane	7.614	56	30198	16.17	ug/l #	93
32) 1,1,1-Trichloroethane	7.531	97	35079	21.33	ug/l	98
36) 1,1-Dichloropropene	7.753	75	27426	18.76	ug/l	99
37) Ethyl Acetate	6.881	43	22600	17.12	ug/l	95
38) Carbon Tetrachloride	7.733	117	30049	22.12	ug/l	98
39) Methylcyclohexane	9.045	83	28873	17.58	ug/l	99
40) Benzene	8.000	78	80209	17.88	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.138	41	11732m	18.36	ug/l	
42) 1,2-Dichloroethane	8.081	62	32204	21.85	ug/l	96
43) Isopropyl Acetate	8.122	43	41569	19.76	ug/l	99
44) Trichloroethene	8.798	130	22375	20.17	ug/l	99
45) 1,2-Dichloropropane	9.080	63	20414	17.77	ug/l	96
46) Dibromomethane	9.171	93	13985	19.99	ug/l	96
47) Bromodichloromethane	9.367	83	30978	21.75	ug/l	97
48) Methyl methacrylate	9.164	41	19529	18.32	ug/l	95
49) 1,4-Dioxane	9.161	88	7158	394.13	ug/l	90
51) 4-Methyl-2-Pentanone	9.949	43	113610	88.75	ug/l	99
52) Toluene	10.119	92	52249	18.97	ug/l	96
53) t-1,3-Dichloropropene	10.347	75	35840	21.52	ug/l	98
54) cis-1,3-Dichloropropene	9.804	75	36311	20.56	ug/l	97
55) 1,1,2-Trichloroethane	10.527	97	20294	19.69	ug/l	99
56) Ethyl methacrylate	10.396	69	29020	18.72	ug/l	97
57) 1,3-Dichloropropane	10.675	76	35051	19.29	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	56971	76.99	ug/l	98
59) 2-Hexanone	10.717	43	77993	85.54	ug/l	99
60) Dibromochloromethane	10.868	129	22827	21.67	ug/l	98
61) 1,2-Dibromoethane	10.974	107	20847	19.91	ug/l	98
64) Tetrachloroethene	10.598	164	22368	20.91	ug/l	95
65) Chlorobenzene	11.402	112	55621	19.19	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.476	131	21330	21.43	ug/l	98
67) Ethyl Benzene	11.479	91	100581	19.18	ug/l	100
68) m/p-Xylenes	11.592	106	76783	39.23	ug/l	97
69) o-Xylene	11.916	106	37185	19.71	ug/l	99
70) Styrene	11.936	104	60459	19.46	ug/l	95
71) Bromoform	12.096	173	14787	21.01	ug/l #	99
73) Isopropylbenzene	12.219	105	96558	19.07	ug/l	100
74) N-amyl acetate	12.045	43	25024	14.25	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.473	83	26287	17.60	ug/l	97
76) 1,2,3-Trichloropropane	12.524	75	27086m	18.17	ug/l	
77) Bromobenzene	12.495	156	23157	19.99	ug/l	90
78) n-propylbenzene	12.559	91	105382	18.30	ug/l	100
79) 2-Chlorotoluene	12.643	91	67004	18.57	ug/l	99
80) 1,3,5-Trimethylbenzene	12.704	105	84294	19.60	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	8982	19.21	ug/l	97
82) 4-Chlorotoluene	12.743	91	68561	18.81	ug/l	96
83) tert-Butylbenzene	12.965	119	68628	19.31	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	81956	18.98	ug/l	98
85) sec-Butylbenzene	13.141	105	84532	18.32	ug/l	97
86) p-Isopropyltoluene	13.260	119	81539	19.46	ug/l	97
87) 1,3-Dichlorobenzene	13.254	146	40582	19.79	ug/l	96
88) 1,4-Dichlorobenzene	13.334	146	39371	18.80	ug/l	92
89) n-Butylbenzene	13.585	91	64699	18.32	ug/l	99
90) Hexachloroethane	13.842	117	11716	16.52	ug/l	99
91) 1,2-Dichlorobenzene	13.624	146	40899	19.89	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	6146	21.37	ug/l	86
93) 1,2,4-Trichlorobenzene	14.878	180	21671	21.03	ug/l	99
94) Hexachlorobutadiene	14.977	225	10137	21.24	ug/l	98
95) Naphthalene	15.100	128	68463	20.92	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	22448	21.55	ug/l	98

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

