

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030321\
 Data File : VN066117.D
 Acq On : 3 Mar 2021 11:58
 Operator : JC/MD
 Sample : VN0303WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0303WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/4/2021 2:14:15 PM

Quant Time: Mar 04 02:12:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 02 14:05:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	80994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.544	114	132752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	120252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	54496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	59993	48.67	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.34%		
35) Dibromofluoromethane	7.547	113	41436	49.29	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.58%		
50) Toluene-d8	10.055	98	157989	48.25	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.50%		
62) 4-Bromofluorobenzene	12.370	95	59170	46.92	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.84%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.849	85	18348	17.67	ug/l	98
3) Chloromethane	2.052	50	19020	17.44	ug/l	99
4) Vinyl Chloride	2.180	62	19645	17.14	ug/l	96
5) Bromomethane	2.550	94	14009	17.57	ug/l	91
6) Chloroethane	2.688	64	11061	18.12	ug/l	97
7) Trichlorofluoromethane	3.004	101	32302	17.87	ug/l	98
8) Diethyl Ether	3.386	74	9058	17.39	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.727	101	13946	18.30	ug/l	98
10) Methyl Iodide	3.923	142	19480	16.74	ug/l #	89
11) Tert butyl alcohol	4.737	59	14400	84.61	ug/l #	82
12) 1,1-Dichloroethene	3.708	96	14181	16.97	ug/l	91
13) Acrolein	3.579	56	11174	84.50	ug/l	93
14) Allyl chloride	4.286	41	24395	19.04	ug/l	96
15) Acrylonitrile	4.936	53	31423	85.00	ug/l	98
16) Acetone	3.782	43	29710	80.64	ug/l	94
17) Carbon Disulfide	4.020	76	41519	16.91	ug/l	100
18) Methyl Acetate	4.286	43	14012	17.81	ug/l	98
19) Methyl tert-butyl Ether	4.997	73	52945	17.11	ug/l	96
20) Methylene Chloride	4.512	84	16239	16.75	ug/l	97
21) trans-1,2-Dichloroethene	5.000	96	15745	18.14	ug/l	91
22) Diisopropyl ether	5.904	45	45933	17.88	ug/l	96
23) Vinyl Acetate	5.846	43	189107	86.75	ug/l	99
24) 1,1-Dichloroethane	5.801	63	29130	18.16	ug/l	99
25) 2-Butanone	6.778	43	40448	82.78	ug/l	100
26) 2,2-Dichloropropane	6.772	77	29847	18.08	ug/l	92
27) cis-1,2-Dichloroethene	6.778	96	18125	17.56	ug/l	90
28) Bromochloromethane	7.145	49	12017	18.35	ug/l #	93
29) Tetrahydrofuran	7.164	42	25875	82.07	ug/l	94
30) Chloroform	7.328	83	31521	17.80	ug/l	98
31) Cyclohexane	7.611	56	25079	17.02	ug/l #	95
32) 1,1,1-Trichloroethane	7.527	97	29572	17.75	ug/l	97
36) 1,1-Dichloropropene	7.749	75	23307	18.68	ug/l	96
37) Ethyl Acetate	6.881	43	18763	19.30	ug/l	98
38) Carbon Tetrachloride	7.730	117	25974	18.11	ug/l	98
39) Methylcyclohexane	9.039	83	24206	17.95	ug/l	97
40) Benzene	8.000	78	66424	18.03	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	9762	19.63	ug/l #	100
42) 1,2-Dichloroethane	8.081	62	27612	18.92	ug/l	95
43) Isopropyl Acetate	8.119	43	31845	17.51	ug/l	92
44) Trichloroethene	8.794	130	18754	18.22	ug/l	92
45) 1,2-Dichloropropane	9.077	63	16549	18.04	ug/l	94
46) Dibromomethane	9.171	93	11595	19.35	ug/l	94
47) Bromodichloromethane	9.367	83	25773	18.56	ug/l	99
48) Methyl methacrylate	9.161	41	14162	16.08	ug/l	94
49) 1,4-Dioxane	9.158	88	5256	341.54	ug/l	93
51) 4-Methyl-2-Pentanone	9.945	43	86057	86.41	ug/l	100
52) Toluene	10.119	92	41792	17.63	ug/l	100
53) t-1,3-Dichloropropene	10.347	75	29186	18.20	ug/l	98
54) cis-1,3-Dichloropropene	9.801	75	29961	18.04	ug/l	94
55) 1,1,2-Trichloroethane	10.527	97	16195	18.17	ug/l	99
56) Ethyl methacrylate	10.396	69	22706	17.96	ug/l	98
57) 1,3-Dichloropropane	10.672	76	26849	17.80	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.659	63	43349	87.90	ug/l	94
59) 2-Hexanone	10.717	43	55106	81.77	ug/l	100
60) Dibromochloromethane	10.868	129	18207	17.74	ug/l	100
61) 1,2-Dibromoethane	10.974	107	15891	17.51	ug/l	99
64) Tetrachloroethene	10.598	164	18504	18.64	ug/l	97
65) Chlorobenzene	11.402	112	45902	18.28	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.476	131	17496	18.38	ug/l	93
67) Ethyl Benzene	11.479	91	81657	18.05	ug/l	100
68) m/p-Xylenes	11.588	106	63289	36.22	ug/l	96
69) o-Xylene	11.913	106	30549	17.90	ug/l	95
70) Styrene	11.932	104	48869	18.23	ug/l	94
71) Bromoform	12.096	173	11108	16.80	ug/l #	99
73) Isopropylbenzene	12.219	105	79975	17.89	ug/l	100
74) N-amyl acetate	12.042	43	18791	16.61	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.473	83	20330	17.19	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	21059m	17.50	ug/l	
77) Bromobenzene	12.495	156	18458	17.92	ug/l	91
78) n-propylbenzene	12.559	91	86360	17.79	ug/l	99
79) 2-Chlorotoluene	12.643	91	54874	17.58	ug/l	100
80) 1,3,5-Trimethylbenzene	12.701	105	68687	17.35	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	6342	15.51	ug/l	89
82) 4-Chlorotoluene	12.743	91	57062	17.71	ug/l	96
83) tert-Butylbenzene	12.961	119	57627	17.75	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	66367	17.16	ug/l	96
85) sec-Butylbenzene	13.141	105	70545	17.68	ug/l	99
86) p-Isopropyltoluene	13.257	119	66740	17.96	ug/l	96
87) 1,3-Dichlorobenzene	13.254	146	33080	18.44	ug/l	97
88) 1,4-Dichlorobenzene	13.331	146	32060	16.98	ug/l	93
89) n-Butylbenzene	13.585	91	51497	17.57	ug/l	99
90) Hexachloroethane	13.842	117	9775	17.32	ug/l	97
91) 1,2-Dichlorobenzene	13.624	146	32796	18.44	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	5280	16.07	ug/l	76
93) 1,2,4-Trichlorobenzene	14.878	180	17068	18.20	ug/l	96
94) Hexachlorobutadiene	14.974	225	8372	18.67	ug/l	99
95) Naphthalene	15.100	128	48565	15.99	ug/l	98
96) 1,2,3-Trichlorobenzene	15.276	180	17076	16.84	ug/l	98

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

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