

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061767.D
 Acq On : 12 Jun 2020 3:19
 Operator : JC/MD
 Sample : VN0611WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/12/2020 5:46:33 PM

Quant Time: Jun 12 08:52:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	262541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	451447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	440127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	213928	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	168462	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
35) Dibromofluoromethane	7.54	113	135018	58.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.92%	
50) Toluene-d8	10.06	98	540388	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.38	95	192967	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	46023	15.982	ug/l	98
3) Chloromethane	2.03	50	58485	18.264	ug/l	98
4) Vinyl Chloride	2.16	62	71636	16.325	ug/l	100
5) Bromomethane	2.53	94	53292	21.165	ug/l	98
6) Chloroethane	2.67	64	52778	18.686	ug/l	99
7) Trichlorofluoromethane	2.98	101	85778	15.159	ug/l	99
8) Diethyl Ether	3.37	74	36776	21.254	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	45707	18.202	ug/l	99
10) Methyl Iodide	3.90	142	72292	20.739	ug/l	99
11) Tert butyl alcohol	4.73	59	50261	120.802	ug/l #	83
12) 1,1-Dichloroethene	3.69	96	47119	17.564	ug/l	93
13) Acrolein	3.56	56	11795	76.607	ug/l	93
14) Allyl chloride	4.27	41	61662	17.581	ug/l	97
15) Acrylonitrile	4.93	53	121441	104.572	ug/l	99
16) Acetone	3.77	43	97489	109.604	ug/l	94
17) Carbon Disulfide	4.00	76	105891	17.941	ug/l	97
18) Methyl Acetate	4.27	43	59871	21.143	ug/l	97
19) Methyl tert-butyl Ether	4.98	73	189505	20.727	ug/l	99
20) Methylene Chloride	4.49	84	64491	21.699	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	58973	19.493	ug/l	95
22) Diisopropyl ether	5.90	45	161180	20.851	ug/l	95
23) Vinyl Acetate	5.84	43	578089	93.830	ug/l	97
24) 1,1-Dichloroethane	5.79	63	100422	20.487	ug/l	100
25) 2-Butanone	6.78	43	143280	96.651	ug/l	98
26) 2,2-Dichloropropane	6.77	77	62486	13.928	ug/l	98
27) cis-1,2-Dichloroethene	6.77	96	72869	21.270	ug/l	96
28) Bromochloromethane	7.15	49	44137	23.238	ug/l	96
29) Tetrahydrofuran	7.16	42	92789	94.919	ug/l	95
30) Chloroform	7.32	83	116681	21.516	ug/l	97
31) Cyclohexane	7.61	56	64706	14.678	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	90809	18.377	ug/l	99
36) 1,1-Dichloropropene	7.75	75	69361	17.355	ug/l	99
37) Ethyl Acetate	6.87	43	61574	19.129	ug/l #	92
38) Carbon Tetrachloride	7.73	117	70203	18.211	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	68440	13.894	ug/l	100
40) Benzene	8.00	78	247993	20.111	ug/l	99
41) Methacrylonitrile	7.12	41	26381	17.888	ug/l	95
42) 1,2-Dichloroethane	8.08	62	85109	20.616	ug/l	98
43) Isopropyl Acetate	8.12	43	106628	18.412	ug/l	97
44) Trichloroethene	8.80	130	72723	19.190	ug/l	96
45) 1,2-Dichloropropane	9.08	63	62198	21.242	ug/l	98
46) Dibromomethane	9.17	93	46383	20.655	ug/l	95
47) Bromodichloromethane	9.37	83	94616	21.266	ug/l	99
48) Methyl methacrylate	9.17	41	45604	17.503	ug/l	97
49) 1,4-Dioxane	9.16	88	24591	609.229	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	303874	93.114	ug/l	97
52) Toluene	10.12	92	161017	20.006	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	93091	19.423	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	102578	19.905	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	69604	21.707	ug/l	97
56) Ethyl methacrylate	10.40	69	85547	19.099	ug/l	97
57) 1,3-Dichloropropane	10.68	76	108693	21.195	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	146309	76.436	ug/l	98
59) 2-Hexanone	10.72	43	210990	90.023	ug/l	98
60) Dibromochloromethane	10.87	129	78897	21.643	ug/l	100
61) 1,2-Dibromoethane	10.98	107	71569	21.401	ug/l	99
64) Tetrachloroethene	10.60	164	75144	18.138	ug/l	97
65) Chlorobenzene	11.40	112	180183	19.695	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	71074	20.864	ug/l	99
67) Ethyl Benzene	11.48	91	286700	18.131	ug/l	100
68) m/p-Xylenes	11.59	106	227068	36.217	ug/l	98
69) o-Xylene	11.92	106	111752	18.766	ug/l	96
70) Styrene	11.94	104	189267	19.192	ug/l	98
71) Bromoform	12.10	173	53066	20.216	ug/l #	100
73) Isopropylbenzene	12.22	105	274910	17.607	ug/l	99
74) N-amyl acetate	12.05	43	81318	16.537	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	85980	19.650	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	78449m	20.167	ug/l	
77) Bromobenzene	12.50	156	82369	20.667	ug/l	96
78) n-propylbenzene	12.56	91	300068	17.215	ug/l	100
79) 2-Chlorotoluene	12.65	91	190571	18.335	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	231894	17.769	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	23708	15.585	ug/l	96
82) 4-Chlorotoluene	12.75	91	200305	18.319	ug/l	100
83) tert-Butylbenzene	12.97	119	194318	16.852	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	238014	18.359	ug/l	98
85) sec-Butylbenzene	13.15	105	244784	16.475	ug/l	100
86) p-Isopropyltoluene	13.26	119	230413	16.839	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	137608	19.498	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	138354	19.243	ug/l	99
89) n-Butylbenzene	13.59	91	179691	15.679	ug/l	98
90) Hexachloroethane	13.85	117	34310	22.673	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	137724	20.420	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	15129	16.954	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	72674	18.424	ug/l	100
94) Hexachlorobutadiene	14.98	225	28344	16.848	ug/l	97
95) Naphthalene	15.11	128	205969	17.155	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	74829	19.294	ug/l	99

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

