

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111320\
 Data File : VN064625.D
 Acq On : 13 Nov 2020 12:29
 Operator : JC/MD
 Sample : VN1113WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/17/2020 6:41:27 PM

Quant Time: Nov 17 02:33:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	281719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	503570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	469599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	212436	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	250293	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
35) Dibromofluoromethane	7.55	113	168607	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	10.06	98	633381	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
62) 4-Bromofluorobenzene	12.38	95	229724	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	66207	18.054	ug/l	98
3) Chloromethane	2.04	50	74249	16.669	ug/l	99
4) Vinyl Chloride	2.17	62	81859	17.896	ug/l	99
5) Bromomethane	2.54	94	59156	20.244	ug/l	95
6) Chloroethane	2.68	64	56480	19.285	ug/l	96
7) Trichlorofluoromethane	2.99	101	137706	20.445	ug/l	100
8) Diethyl Ether	3.37	74	46978	19.750	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	62015	19.388	ug/l	98
10) Methyl Iodide	3.91	142	67827	18.250	ug/l	98
11) Tert butyl alcohol	4.76	59	50511	93.340	ug/l #	92
12) 1,1-Dichloroethene	3.69	96	55603	18.455	ug/l	96
13) Acrolein	3.57	56	19249	57.345	ug/l	94
14) Allyl chloride	4.27	41	99292	16.847	ug/l	96
15) Acrylonitrile	4.93	53	150370	99.805	ug/l	98
16) Acetone	3.78	43	175485	93.882	ug/l	98
17) Carbon Disulfide	4.01	76	159230	17.672	ug/l	98
18) Methyl Acetate	4.28	43	76538	20.828	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	186951	17.240	ug/l	100
20) Methylene Chloride	4.50	84	67545	18.213	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	62399	18.240	ug/l	95
22) Diisopropyl ether	5.90	45	215359	17.213	ug/l	93
23) Vinyl Acetate	5.85	43	890401	87.484	ug/l	98
24) 1,1-Dichloroethane	5.79	63	128360	18.671	ug/l	99
25) 2-Butanone	6.79	43	226392	95.057	ug/l	99
26) 2,2-Dichloropropane	6.77	77	114962	18.472	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	69511	17.536	ug/l	99
28) Bromochloromethane	7.15	49	62523	18.502	ug/l	98
29) Tetrahydrofuran	7.17	42	133440	91.323	ug/l	100
30) Chloroform	7.33	83	137034	18.962	ug/l	96
31) Cyclohexane	7.61	56	97070	16.273	ug/l #	93
32) 1,1,1-Trichloroethane	7.53	97	124047	19.353	ug/l	98
36) 1,1-Dichloropropene	7.75	75	92831	17.450	ug/l	98
37) Ethyl Acetate	6.88	43	93687	17.849	ug/l	98
38) Carbon Tetrachloride	7.73	117	107715	18.945	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	80576	16.896	ug/l	98
40) Benzene	8.00	78	276973	17.718	ug/l	99
41) Methacrylonitrile	7.13	41	40564m	17.199	ug/l	
42) 1,2-Dichloroethane	8.09	62	117561	18.635	ug/l	100
43) Isopropyl Acetate	8.13	43	157370	18.254	ug/l	97
44) Trichloroethene	8.80	130	69401	17.596	ug/l	98
45) 1,2-Dichloropropane	9.09	63	77073	18.478	ug/l	98
46) Dibromomethane	9.17	93	54194	19.737	ug/l	98
47) Bromodichloromethane	9.37	83	114108	19.327	ug/l	99
48) Methyl methacrylate	9.17	41	74895	17.216	ug/l	96
49) 1,4-Dioxane	9.17	88	21145	369.023	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	486373	96.739	ug/l	98
52) Toluene	10.12	92	173364	18.183	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	113527	18.137	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	119836	17.907	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	70903	19.068	ug/l	96
56) Ethyl methacrylate	10.40	69	90842	16.143	ug/l	98
57) 1,3-Dichloropropane	10.68	76	119591	18.426	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	249269	100.337	ug/l	98
59) 2-Hexanone	10.72	43	349292	87.853	ug/l	98
60) Dibromochloromethane	10.87	129	80052	19.229	ug/l	97
61) 1,2-Dibromoethane	10.98	107	71907	19.065	ug/l	100
64) Tetrachloroethene	10.60	164	64995	17.968	ug/l	91
65) Chlorobenzene	11.41	112	183069	17.783	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	71094	18.511	ug/l	98
67) Ethyl Benzene	11.48	91	316920	17.307	ug/l	99
68) m/p-Xylenes	11.60	106	236196	35.567	ug/l	98
69) o-Xylene	11.92	106	109651	17.087	ug/l	97
70) Styrene	11.94	104	188525	17.459	ug/l	99
71) Bromoform	12.10	173	51708	18.749	ug/l #	100
73) Isopropylbenzene	12.22	105	292042	17.296	ug/l	99
74) N-amyl acetate	12.05	43	125667	16.187	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	96839	18.672	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	93763m	18.216	ug/l	
77) Bromobenzene	12.50	156	73976	17.945	ug/l	99
78) n-propylbenzene	12.57	91	348643	18.111	ug/l	99
79) 2-Chlorotoluene	12.65	91	221518	18.143	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	250655	17.994	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	32397	17.574	ug/l	96
82) 4-Chlorotoluene	12.75	91	232115	18.153	ug/l	99
83) tert-Butylbenzene	12.97	119	192936	17.734	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	252968	18.065	ug/l	98
85) sec-Butylbenzene	13.14	105	257910	18.719	ug/l	99
86) p-Isopropyltoluene	13.26	119	230074	18.564	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	129154	18.124	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	134929	18.322	ug/l	98
89) n-Butylbenzene	13.59	91	198765	18.653	ug/l	97
90) Hexachloroethane	13.85	117	48259	20.186	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	126002	18.382	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20132	19.497	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	52101	17.134	ug/l	99
94) Hexachlorobutadiene	14.98	225	31117	22.296	ug/l	97
95) Naphthalene	15.10	128	153272	15.825	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	54072	18.261	ug/l	98

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

