

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090320\
 Data File : VN063211.D
 Acq On : 3 Sep 2020 11:30
 Operator : JC/MD
 Sample : VN0903WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 11:14:24 AM

Quant Time: Sep 04 04:20:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	383353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	684454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	627105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	296485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	291263	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
35) Dibromofluoromethane	7.55	113	214660	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
50) Toluene-d8	10.06	98	836755	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.38	95	286370	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	64732	17.146	ug/l	97
3) Chloromethane	2.04	50	94614	17.210	ug/l	99
4) Vinyl Chloride	2.16	62	106644	17.561	ug/l	99
5) Bromomethane	2.54	94	100230	19.608	ug/l	98
6) Chloroethane	2.68	64	94106	19.490	ug/l	99
7) Trichlorofluoromethane	2.99	101	144324	14.484	ug/l	99
8) Diethyl Ether	3.38	74	49358	16.987	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	77458	18.766	ug/l	99
10) Methyl Iodide	3.91	142	89327	15.867	ug/l	99
11) Tert butyl alcohol	4.72	59	69677	90.580	ug/l	99
12) 1,1-Dichloroethene	3.69	96	75403	17.928	ug/l	94
13) Acrolein	3.58	56	19878	79.363	ug/l	87
14) Allyl chloride	4.28	41	131291	17.576	ug/l	97
15) Acrylonitrile	4.93	53	189491	89.501	ug/l	98
16) Acetone	3.77	43	166369	93.390	ug/l	99
17) Carbon Disulfide	4.01	76	207636	16.586	ug/l	100
18) Methyl Acetate	4.28	43	90182	19.743	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	272806	17.484	ug/l	98
20) Methylene Chloride	4.51	84	93355	18.325	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	84884	18.267	ug/l	91
22) Diisopropyl ether	5.90	45	295742	17.667	ug/l	94
23) Vinyl Acetate	5.84	43	1191063	89.174	ug/l	100
24) 1,1-Dichloroethane	5.79	63	163237	17.689	ug/l	98
25) 2-Butanone	6.78	43	273087	99.002	ug/l	99
26) 2,2-Dichloropropane	6.78	77	144364	17.267	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	99188	17.561	ug/l	98
28) Bromochloromethane	7.15	49	87004	18.046	ug/l	98
29) Tetrahydrofuran	7.16	42	174077	91.269	ug/l	99
30) Chloroform	7.33	83	174615	18.086	ug/l	97
31) Cyclohexane	7.61	56	147966	17.040	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	154786	18.605	ug/l	99
36) 1,1-Dichloropropene	7.75	75	121747	18.503	ug/l	98
37) Ethyl Acetate	6.88	43	122467	19.941	ug/l #	95
38) Carbon Tetrachloride	7.73	117	126715	18.989	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	138214	18.698	ug/l	97
40) Benzene	8.00	78	369685	19.119	ug/l	99
41) Methacrylonitrile	7.13	41	45572m	16.440	ug/l	
42) 1,2-Dichloroethane	8.08	62	140264	19.419	ug/l	100
43) Isopropyl Acetate	8.12	43	206699	19.262	ug/l	99
44) Trichloroethene	8.80	130	99600	21.236	ug/l	99
45) 1,2-Dichloropropane	9.08	63	96844	18.916	ug/l	100
46) Dibromomethane	9.17	93	65175	19.210	ug/l	98
47) Bromodichloromethane	9.37	83	136590	18.783	ug/l	96
48) Methyl methacrylate	9.16	41	90974	18.806	ug/l	94
49) 1,4-Dioxane	9.17	88	31226	417.333	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	597319	102.433	ug/l	99
52) Toluene	10.12	92	234038	19.430	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	144587	18.176	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	155130	18.579	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	93501	20.269	ug/l	95
56) Ethyl methacrylate	10.40	69	126647	18.040	ug/l	96
57) 1,3-Dichloropropane	10.68	76	157463	19.161	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	322079	88.597	ug/l	100
59) 2-Hexanone	10.72	43	431803	105.365	ug/l	98
60) Dibromochloromethane	10.87	129	96851	18.991	ug/l	99
61) 1,2-Dibromoethane	10.98	107	92482	19.286	ug/l	96
64) Tetrachloroethene	10.60	164	95657	21.242	ug/l	97
65) Chlorobenzene	11.41	112	244571	19.363	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	89928	19.177	ug/l	98
67) Ethyl Benzene	11.49	91	458387	19.894	ug/l	96
68) m/p-Xylenes	11.59	106	334869	39.239	ug/l	99
69) o-Xylene	11.92	106	160672	19.489	ug/l	98
70) Styrene	11.94	104	270255	19.074	ug/l	100
71) Bromoform	12.10	173	57491	18.065	ug/l #	99
73) Isopropylbenzene	12.23	105	438687	19.291	ug/l	99
74) N-amyl acetate	12.05	43	168873	17.928	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	120681	18.408	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	114397m	19.638	ug/l	
77) Bromobenzene	12.50	156	96353	18.735	ug/l	97
78) n-propylbenzene	12.57	91	517935	19.683	ug/l	100
79) 2-Chlorotoluene	12.65	91	292276	18.545	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	369592	19.526	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.28	75	38829	16.111	ug/l	93
82) 4-Chlorotoluene	12.75	91	307013	18.782	ug/l	100
83) tert-Butylbenzene	12.97	119	298960	18.417	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	364893	19.126	ug/l	100
85) sec-Butylbenzene	13.15	105	417336	19.726	ug/l	98
86) p-Isopropyltoluene	13.26	119	362060	19.276	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	177713	18.810	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	179924	18.392	ug/l	99
89) n-Butylbenzene	13.59	91	335266	19.321	ug/l	100
90) Hexachloroethane	13.85	117	56085	16.130	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	180458	19.683	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	25468	17.669	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	96413	18.823	ug/l	97
94) Hexachlorobutadiene	14.98	225	36094	18.863	ug/l	98
95) Naphthalene	15.11	128	290198	16.981	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	93077	18.651	ug/l	96

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

