

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090920\
 Data File : VN063274.D
 Acq On : 9 Sep 2020 11:46
 Operator : JC/MD
 Sample : VN0909WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 4:04:15 PM

Quant Time: Sep 09 15:47:12 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	7.62	168	427763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	759540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	682812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	311840	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	340056	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	7.55	113	247272	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	10.06	98	941285	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.38	95	348052	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	77131	18.309	ug/l	98
3) Chloromethane	2.04	50	111839	18.232	ug/l	98
4) Vinyl Chloride	2.17	62	115539	17.051	ug/l	97
5) Bromomethane	2.54	94	75579	13.250	ug/l	99
6) Chloroethane	2.68	64	72768	13.506	ug/l	99
7) Trichlorofluoromethane	2.99	101	176311	16.254	ug/l	97
8) Diethyl Ether	3.38	74	61669	19.021	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	92646	20.115	ug/l	98
10) Methyl Iodide	3.91	142	112143	17.852	ug/l	100
11) Tert butyl alcohol	4.72	59	87972	102.490	ug/l #	86
12) 1,1-Dichloroethene	3.70	96	88748	18.910	ug/l	92
13) Acrolein	3.57	56	10559	46.043	ug/l	88
14) Allyl chloride	4.28	41	177897	21.343	ug/l	98
15) Acrylonitrile	4.93	53	238347	100.583	ug/l	99
16) Acetone	3.77	43	216266	108.796	ug/l	96
17) Carbon Disulfide	4.01	76	244255	17.485	ug/l	98
18) Methyl Acetate	4.28	43	122873	24.108	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	332452	19.095	ug/l	98
20) Methylene Chloride	4.50	84	109373	19.265	ug/l	90
21) trans-1,2-Dichloroethene	4.99	96	100145	19.314	ug/l	94
22) Diisopropyl ether	5.90	45	383711	20.543	ug/l	98
23) Vinyl Acetate	5.84	43	1526276	102.408	ug/l	96
24) 1,1-Dichloroethane	5.80	63	209547	20.350	ug/l	97
25) 2-Butanone	6.78	43	332831	108.134	ug/l	97
26) 2,2-Dichloropropane	6.78	77	177352	19.010	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	117245	18.603	ug/l	93
28) Bromochloromethane	7.15	49	94976	17.655	ug/l	97
29) Tetrahydrofuran	7.16	42	220485	103.599	ug/l	96
30) Chloroform	7.33	83	204501	18.983	ug/l	99
31) Cyclohexane	7.61	56	183040	19.088	ug/l	91
32) 1,1,1-Trichloroethane	7.53	97	176433	19.005	ug/l	98
36) 1,1-Dichloropropene	7.75	75	153461	21.017	ug/l	99
37) Ethyl Acetate	6.88	43	147675	21.636	ug/l #	94
38) Carbon Tetrachloride	7.73	117	152011	20.528	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	165587	20.186	ug/l	95
40) Benzene	8.00	78	438415	20.432	ug/l	98
41) Methacrylonitrile	7.14	41	73277m	23.821	ug/l	
42) 1,2-Dichloroethane	8.08	62	168039	20.965	ug/l	98
43) Isopropyl Acetate	8.13	43	259587	21.799	ug/l	98
44) Trichloroethene	8.80	130	114139	21.930	ug/l	99
45) 1,2-Dichloropropane	9.08	63	120493	21.209	ug/l	98
46) Dibromomethane	9.17	93	79312	21.066	ug/l	98
47) Bromodichloromethane	9.37	83	165466	20.504	ug/l	95
48) Methyl methacrylate	9.17	41	121125	22.563	ug/l	96
49) 1,4-Dioxane	9.17	88	34762	418.663	ug/l	88
51) 4-Methyl-2-Pentanone	9.95	43	729613	112.751	ug/l	99
52) Toluene	10.13	92	272436	20.382	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	175492	19.881	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	195110	21.057	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	104485	20.411	ug/l	96
56) Ethyl methacrylate	10.40	69	162112	20.809	ug/l	96
57) 1,3-Dichloropropane	10.68	76	186913	20.496	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	373493	92.583	ug/l	97
59) 2-Hexanone	10.72	43	523632	115.141	ug/l	96
60) Dibromochloromethane	10.87	129	117357	20.737	ug/l	98
61) 1,2-Dibromoethane	10.98	107	106818	20.073	ug/l	97
64) Tetrachloroethene	10.60	164	113139	23.074	ug/l	98
65) Chlorobenzene	11.41	112	284898	20.716	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	108790	21.306	ug/l	98
67) Ethyl Benzene	11.48	91	533231	21.254	ug/l	99
68) m/p-Xylenes	11.59	106	383741	41.298	ug/l	98
69) o-Xylene	11.92	106	187417	20.878	ug/l	97
70) Styrene	11.94	104	311788	20.210	ug/l	98
71) Bromoform	12.10	173	73181	21.119	ug/l #	96
73) Isopropylbenzene	12.23	105	497885	20.817	ug/l	99
74) N-amyl acetate	12.05	43	206778	20.872	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.48	83	140824	20.422	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	138314m	22.575	ug/l	
77) Bromobenzene	12.50	156	114193	21.111	ug/l	99
78) n-propylbenzene	12.57	91	586762	21.201	ug/l	100
79) 2-Chlorotoluene	12.65	91	349399	21.078	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	422237	21.209	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	48359	19.077	ug/l	95
82) 4-Chlorotoluene	12.75	91	358405	20.847	ug/l	100
83) tert-Butylbenzene	12.97	119	352365	20.638	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	431775	21.517	ug/l	97
85) sec-Butylbenzene	13.15	105	458620	20.610	ug/l	100
86) p-Isopropyltoluene	13.26	119	416474	21.081	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	204532	20.583	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	206246	20.045	ug/l	98
89) n-Butylbenzene	13.59	91	369031	20.220	ug/l	100
90) Hexachloroethane	13.85	117	67440	18.441	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	208670	21.639	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31218	20.592	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	114903	21.328	ug/l	99
94) Hexachlorobutadiene	14.98	225	44551	22.136	ug/l	97
95) Naphthalene	15.11	128	349520	19.446	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	112088	21.355	ug/l	99

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

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