

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063237.D
 Acq On : 4 Sep 2020 10:55
 Operator : JC/MD
 Sample : VN0904WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 5:34:32 PM

Quant Time: Sep 07 00:31:59 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	329156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	580372	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	543944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	244124	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	254437	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
35) Dibromofluoromethane	7.55	113	186256	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	10.06	98	716131	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.38	95	243426	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	57090	17.611	ug/l	95
3) Chloromethane	2.04	50	83537	17.697	ug/l	99
4) Vinyl Chloride	2.17	62	98852	18.958	ug/l	98
5) Bromomethane	2.54	94	92769	21.136	ug/l	98
6) Chloroethane	2.68	64	85236	20.560	ug/l	97
7) Trichlorofluoromethane	2.98	101	150939	18.555	ug/l	98
8) Diethyl Ether	3.37	74	45618	18.285	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.72	101	69373	19.574	ug/l	99
10) Methyl Iodide	3.91	142	77977	16.132	ug/l	99
11) Tert butyl alcohol	4.73	59	66260	100.320	ug/l	100
12) 1,1-Dichloroethene	3.70	96	67128	18.588	ug/l	93
13) Acrolein	3.57	56	11500	58.618	ug/l	100
14) Allyl chloride	4.28	41	106146	16.550	ug/l	89
15) Acrylonitrile	4.93	53	165306	90.895	ug/l	99
16) Acetone	3.78	43	149913	98.009	ug/l	98
17) Carbon Disulfide	4.01	76	175600	16.336	ug/l	97
18) Methyl Acetate	4.28	43	78460	20.005	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	243130	18.148	ug/l	97
20) Methylene Chloride	4.50	84	81248	18.581	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	73859	18.512	ug/l	95
22) Diisopropyl ether	5.90	45	263534	18.336	ug/l	99
23) Vinyl Acetate	5.84	43	1062429	92.641	ug/l	100
24) 1,1-Dichloroethane	5.80	63	148687	18.766	ug/l	99
25) 2-Butanone	6.78	43	235529	99.446	ug/l	100
26) 2,2-Dichloropropane	6.78	77	127373	17.743	ug/l	79
27) cis-1,2-Dichloroethene	6.78	96	90119	18.583	ug/l	98
28) Bromochloromethane	7.14	49	69795	16.860	ug/l	98
29) Tetrahydrofuran	7.16	42	154191	94.154	ug/l	99
30) Chloroform	7.33	83	152890	18.443	ug/l	96
31) Cyclohexane	7.61	56	127822	17.155	ug/l #	96
32) 1,1,1-Trichloroethane	7.53	97	135318	18.943	ug/l	99
36) 1,1-Dichloropropene	7.75	75	107993	19.356	ug/l	98
37) Ethyl Acetate	6.88	43	101578	19.514	ug/l #	94
38) Carbon Tetrachloride	7.73	117	110113	19.461	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	122723	19.579	ug/l	96
40) Benzene	8.00	78	335845	20.484	ug/l	98
41) Methacrylonitrile	7.13	41	46282	19.691	ug/l	94
42) 1,2-Dichloroethane	8.08	62	124228	20.284	ug/l	100
43) Isopropyl Acetate	8.12	43	183766	20.196	ug/l #	91
44) Trichloroethene	8.80	130	85925	21.606	ug/l	99
45) 1,2-Dichloropropane	9.08	63	84887	19.554	ug/l	95
46) Dibromomethane	9.17	93	59982	20.850	ug/l	99
47) Bromodichloromethane	9.37	83	121012	19.625	ug/l	100
48) Methyl methacrylate	9.16	41	83102	20.259	ug/l	94
49) 1,4-Dioxane	9.17	88	27436	432.439	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	541009	109.415	ug/l	100
52) Toluene	10.12	92	214522	21.004	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	127662	18.927	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	141003	19.915	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	80641	20.616	ug/l	98
56) Ethyl methacrylate	10.40	69	113540	19.074	ug/l	97
57) 1,3-Dichloropropane	10.68	76	141699	20.335	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	272925	88.540	ug/l	100
59) 2-Hexanone	10.72	43	380789	109.581	ug/l	98
60) Dibromochloromethane	10.87	129	83846	19.389	ug/l	100
61) 1,2-Dibromoethane	10.98	107	85914	21.129	ug/l	99
64) Tetrachloroethene	10.60	164	85493	21.887	ug/l	95
65) Chlorobenzene	11.41	112	219079	19.997	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	79566	19.561	ug/l	98
67) Ethyl Benzene	11.48	91	405174	20.273	ug/l	99
68) m/p-Xylenes	11.59	106	291141	39.331	ug/l	99
69) o-Xylene	11.92	106	144664	20.230	ug/l	97
70) Styrene	11.94	104	239655	19.501	ug/l	99
71) Bromoform	12.10	173	52119	18.881	ug/l #	96
73) Isopropylbenzene	12.23	105	386857	20.661	ug/l	99
74) N-amyl acetate	12.05	43	146498	18.889	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	109451	20.275	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	102945m	21.462	ug/l	
77) Bromobenzene	12.50	156	87615	20.690	ug/l	93
78) n-propylbenzene	12.57	91	453416	20.927	ug/l	100
79) 2-Chlorotoluene	12.65	91	255577	19.694	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	318605	20.443	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	34129	17.198	ug/l	92
82) 4-Chlorotoluene	12.75	91	269343	20.012	ug/l	100
83) tert-Butylbenzene	12.97	119	260520	19.491	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	325080	20.693	ug/l	100
85) sec-Butylbenzene	13.15	105	369271	21.198	ug/l	100
86) p-Isopropyltoluene	13.26	119	321909	20.814	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	159228	20.468	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	160309	19.902	ug/l	98
89) n-Butylbenzene	13.59	91	289370	20.253	ug/l	98
90) Hexachloroethane	13.85	117	50452	17.622	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	159928	21.185	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22564	19.012	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	85354	20.238	ug/l	96
94) Hexachlorobutadiene	14.98	225	31786	20.175	ug/l	98
95) Naphthalene	15.11	128	262578	18.661	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	82400	20.053	ug/l	97

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

