

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062313.D
 Acq On : 2 Jul 2020 1:32
 Operator : JC/MD
 Sample : VN0701WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 12:31:16 PM

Quant Time: Jul 02 08:07:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	194924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	369744	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	344446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	149500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	157611	57.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.24%	
35) Dibromofluoromethane	7.55	113	121153	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	10.06	98	475448	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.38	95	153134	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	39014	17.707	ug/l	97
3) Chloromethane	2.03	50	56923	21.174	ug/l	98
4) Vinyl Chloride	2.16	62	64512	18.593	ug/l	98
5) Bromomethane	2.53	94	44454	19.824	ug/l	95
6) Chloroethane	2.67	64	44837	18.917	ug/l	98
7) Trichlorofluoromethane	2.98	101	78235	18.299	ug/l	97
8) Diethyl Ether	3.37	74	31730	21.254	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	45443	20.297	ug/l	94
10) Methyl Iodide	3.91	142	48345	19.173	ug/l	99
11) Tert butyl alcohol	4.73	59	46036	117.215	ug/l #	93
12) 1,1-Dichloroethene	3.70	96	44234	19.763	ug/l	93
13) Acrolein	3.57	56	35318	91.849	ug/l	94
14) Allyl chloride	4.27	41	66871	21.945	ug/l	99
15) Acrylonitrile	4.93	53	126245	117.958	ug/l	99
16) Acetone	3.77	43	100198	114.502	ug/l	98
17) Carbon Disulfide	4.01	76	124181	19.401	ug/l	99
18) Methyl Acetate	4.28	43	57295	26.349	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	156066	21.821	ug/l	98
20) Methylene Chloride	4.50	84	58240	23.076	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	48694	19.098	ug/l	92
22) Diisopropyl ether	5.90	45	159615	23.005	ug/l	93
23) Vinyl Acetate	5.84	43	629149	111.063	ug/l	97
24) 1,1-Dichloroethane	5.80	63	97082	21.729	ug/l	97
25) 2-Butanone	6.79	43	154684	115.691	ug/l	95
26) 2,2-Dichloropropane	6.77	77	62969	16.913	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	58184	20.279	ug/l	99
28) Bromochloromethane	7.15	49	41131	21.218	ug/l	91
29) Tetrahydrofuran	7.17	42	103694	118.395	ug/l	95
30) Chloroform	7.33	83	96042	21.128	ug/l	95
31) Cyclohexane	7.61	56	77256	20.442	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	76838	20.044	ug/l	96
36) 1,1-Dichloropropene	7.75	75	70395	18.941	ug/l	96
37) Ethyl Acetate	6.88	43	65670	21.339	ug/l	97
38) Carbon Tetrachloride	7.73	117	63133	18.018	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	69298	17.018	ug/l	94
40) Benzene	8.00	78	220607	19.475	ug/l	99
41) Methacrylonitrile	7.14	41	29054m	20.364	ug/l	
42) 1,2-Dichloroethane	8.09	62	77384	20.219	ug/l	99
43) Isopropyl Acetate	8.13	43	104367	20.804	ug/l	98
44) Trichloroethene	8.80	130	50029	17.508	ug/l	95
45) 1,2-Dichloropropane	9.09	63	57601	20.612	ug/l	99
46) Dibromomethane	9.18	93	37358	19.717	ug/l	95
47) Bromodichloromethane	9.37	83	76055	19.880	ug/l	99
48) Methyl methacrylate	9.17	41	47414	21.079	ug/l	95
49) 1,4-Dioxane	9.17	88	18951	379.913	ug/l	90
51) 4-Methyl-2-Pentanone	9.95	43	326163	111.278	ug/l	99
52) Toluene	10.12	92	134128	19.406	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	78868	18.738	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	86711	19.350	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	54018	19.882	ug/l	98
56) Ethyl methacrylate	10.40	69	73121	20.167	ug/l	96
57) 1,3-Dichloropropane	10.68	76	95685	20.461	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	134870	97.843	ug/l	96
59) 2-Hexanone	10.72	43	230421	108.868	ug/l	98
60) Dibromochloromethane	10.87	129	54110	18.812	ug/l	98
61) 1,2-Dibromoethane	10.98	107	52637	18.855	ug/l	98
64) Tetrachloroethene	10.60	164	39274	16.692	ug/l	98
65) Chlorobenzene	11.41	112	139612	18.457	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	50004	19.118	ug/l	98
67) Ethyl Benzene	11.48	91	241381	18.895	ug/l	98
68) m/p-Xylenes	11.60	106	182508	36.937	ug/l	98
69) o-Xylene	11.92	106	86212	18.493	ug/l	97
70) Styrene	11.94	104	146493	18.842	ug/l	99
71) Bromoform	12.10	173	32594	17.527	ug/l #	98
73) Isopropylbenzene	12.22	105	227931	19.696	ug/l	99
74) N-amyl acetate	12.05	43	81949	21.294	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	81504	21.164	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	68501m	19.464	ug/l	
77) Bromobenzene	12.50	156	53539	18.635	ug/l	90
78) n-propylbenzene	12.57	91	261464	19.752	ug/l	99
79) 2-Chlorotoluene	12.65	91	160118	20.008	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	188406	20.083	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	21821	18.107	ug/l	96
82) 4-Chlorotoluene	12.75	91	163917	19.808	ug/l	97
83) tert-Butylbenzene	12.97	119	149246	18.589	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	181666	19.389	ug/l	98
85) sec-Butylbenzene	13.15	105	206605	19.475	ug/l	99
86) p-Isopropyltoluene	13.26	119	175825	18.917	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	93533	18.539	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	93980	18.071	ug/l	98
89) n-Butylbenzene	13.59	91	136806	17.704	ug/l	98
90) Hexachloroethane	13.85	117	34535	18.938	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	94699	19.357	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	13022	21.108	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	36530	17.092	ug/l	97
94) Hexachlorobutadiene	14.98	225	17742	19.113	ug/l	95
95) Naphthalene	15.11	128	105981	17.679	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	38680	17.700	ug/l	99

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

