

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
 Data File : VN062493.D
 Acq On : 10 Jul 2020 15:07
 Operator : JC/MD
 Sample : VN0710WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/13/2020 11:19:17 AM

Quant Time: Jul 13 01:48:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	191381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	323754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	301905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130920	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	151675	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
35) Dibromofluoromethane	7.55	113	108096	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
50) Toluene-d8	10.06	98	414824	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.38	95	149003	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	35150	18.031	ug/l	98
3) Chloromethane	2.04	50	53673	17.159	ug/l	100
4) Vinyl Chloride	2.16	62	46752	18.244	ug/l	99
5) Bromomethane	2.53	94	24173	17.563	ug/l	99
6) Chloroethane	2.67	64	28067	18.805	ug/l	96
7) Trichlorofluoromethane	2.98	101	62446	19.187	ug/l	99
8) Diethyl Ether	3.37	74	29719	20.421	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.72	101	36421	18.877	ug/l	98
10) Methyl Iodide	3.91	142	42162	16.550	ug/l	99
11) Tert butyl alcohol	4.73	59	48601	99.530	ug/l	99
12) 1,1-Dichloroethene	3.70	96	36545	18.604	ug/l	98
13) Acrolein	3.57	56	32135	91.227	ug/l	98
14) Allyl chloride	4.28	41	83736	18.125	ug/l	98
15) Acrylonitrile	4.93	53	128279	100.166	ug/l	99
16) Acetone	3.78	43	104989	84.007	ug/l	98
17) Carbon Disulfide	4.01	76	106457	17.295	ug/l	99
18) Methyl Acetate	4.28	43	61986	19.875	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	147643	19.825	ug/l	98
20) Methylene Chloride	4.50	84	48537	18.164	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	39934	18.765	ug/l	99
22) Diisopropyl ether	5.90	45	179361	19.651	ug/l	99
23) Vinyl Acetate	5.84	43	731484	96.745	ug/l	100
24) 1,1-Dichloroethane	5.80	63	89386	18.952	ug/l	99
25) 2-Butanone	6.79	43	172607	94.569	ug/l	100
26) 2,2-Dichloropropane	6.78	77	65347	18.070	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	48149	19.534	ug/l	99
28) Bromochloromethane	7.15	49	47999	18.732	ug/l	95
29) Tetrahydrofuran	7.17	42	119280	97.069	ug/l	99
30) Chloroform	7.33	83	84216	19.776	ug/l	99
31) Cyclohexane	7.61	56	77332	17.295	ug/l	90
32) 1,1,1-Trichloroethane	7.53	97	68105	19.226	ug/l	99
36) 1,1-Dichloropropene	7.75	75	60542	18.561	ug/l	99
37) Ethyl Acetate	6.88	43	75092	19.688	ug/l	100
38) Carbon Tetrachloride	7.73	117	56859	19.389	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	63607	18.266	ug/l	97
40) Benzene	8.00	78	189376	19.700	ug/l	100
41) Methacrylonitrile	7.12	41	34425m	21.603	ug/l	
42) 1,2-Dichloroethane	8.09	62	72496	20.596	ug/l	100
43) Isopropyl Acetate	8.13	43	118215	19.620	ug/l	94
44) Trichloroethene	8.80	130	41441	19.429	ug/l	99
45) 1,2-Dichloropropane	9.09	63	54834	19.649	ug/l	99
46) Dibromomethane	9.18	93	31645	20.094	ug/l	99
47) Bromodichloromethane	9.37	83	67317	19.993	ug/l	100
48) Methyl methacrylate	9.17	41	56838	19.231	ug/l	98
49) 1,4-Dioxane	9.17	88	16973	394.557	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	370086	102.839	ug/l	100
52) Toluene	10.12	92	109931	19.798	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	74670	19.795	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	82172	19.743	ug/l	96
55) 1,1,2-Trichloroethane	10.54	97	45964	21.047	ug/l	97
56) Ethyl methacrylate	10.40	69	74047	19.505	ug/l	99
57) 1,3-Dichloropropane	10.68	76	84051	20.832	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	124875	96.382	ug/l	97
59) 2-Hexanone	10.72	43	263819	100.982	ug/l	98
60) Dibromochloromethane	10.88	129	48890	20.647	ug/l	98
61) 1,2-Dibromoethane	10.98	107	45380	20.584	ug/l	99
64) Tetrachloroethene	10.60	164	33233	18.550	ug/l	99
65) Chlorobenzene	11.41	112	115598	19.701	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	42954	19.851	ug/l	99
67) Ethyl Benzene	11.48	91	208947	18.971	ug/l	99
68) m/p-Xylenes	11.60	106	151421	38.835	ug/l	98
69) o-Xylene	11.92	106	72751	19.164	ug/l	98
70) Styrene	11.94	104	122796	19.572	ug/l	99
71) Bromoform	12.10	173	33203	20.932	ug/l #	99
73) Isopropylbenzene	12.22	105	194851	19.233	ug/l	99
74) N-amyl acetate	12.05	43	99989	20.278	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	72325	21.232	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	62268m	19.384	ug/l	
77) Bromobenzene	12.50	156	46368	20.132	ug/l	97
78) n-propylbenzene	12.57	91	226506	19.140	ug/l	99
79) 2-Chlorotoluene	12.65	91	140803	19.604	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	165132	19.883	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	22536	18.777	ug/l	97
82) 4-Chlorotoluene	12.75	91	143500	19.680	ug/l	99
83) tert-Butylbenzene	12.97	119	136314	19.341	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	162280	19.658	ug/l	99
85) sec-Butylbenzene	13.15	105	182560	19.548	ug/l	99
86) p-Isopropyltoluene	13.26	119	154386	19.153	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	79160	19.923	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	81158	19.851	ug/l	100
89) n-Butylbenzene	13.59	91	127939	17.976	ug/l	99
90) Hexachloroethane	13.85	117	30613	19.307	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	78792	20.510	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12204	19.632	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	35209	19.265	ug/l	98
94) Hexachlorobutadiene	14.98	225	20685	20.279	ug/l	99
95) Naphthalene	15.10	128	94706	20.364	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	35712	19.373	ug/l	100

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

