

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
 Data File : VN062492.D
 Acq On : 10 Jul 2020 14:43
 Operator : JC/MD
 Sample : VN0710WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/13/2020 11:19:15 AM

Quant Time: Jul 13 01:45:27 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	195929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	336130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	307433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	134138	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	154512	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	7.55	113	108880	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
50) Toluene-d8	10.06	98	426535	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.38	95	153336	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	35482	17.779	ug/l	94
3) Chloromethane	2.03	50	55196	17.237	ug/l	99
4) Vinyl Chloride	2.16	62	48750	18.582	ug/l	98
5) Bromomethane	2.53	94	23438	16.634	ug/l	94
6) Chloroethane	2.67	64	29773	19.484	ug/l	99
7) Trichlorofluoromethane	2.98	101	63379	19.021	ug/l	98
8) Diethyl Ether	3.37	74	29250	19.632	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	38571	19.528	ug/l	99
10) Methyl Iodide	3.91	142	44530	17.074	ug/l	99
11) Tert butyl alcohol	4.73	59	48500	97.017	ug/l	99
12) 1,1-Dichloroethene	3.70	96	37934	18.863	ug/l	94
13) Acrolein	3.57	56	33118	91.835	ug/l	98
14) Allyl chloride	4.28	41	85761	18.133	ug/l	98
15) Acrylonitrile	4.93	53	131858	100.571	ug/l	98
16) Acetone	3.78	43	102818	80.361	ug/l	98
17) Carbon Disulfide	4.01	76	108830	17.270	ug/l	100
18) Methyl Acetate	4.28	43	62088	19.445	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	147654	19.366	ug/l	99
20) Methylene Chloride	4.50	84	49829	18.215	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	42009	19.282	ug/l	96
22) Diisopropyl ether	5.91	45	181809	19.457	ug/l	98
23) Vinyl Acetate	5.84	43	742003	95.858	ug/l	100
24) 1,1-Dichloroethane	5.80	63	92800	19.219	ug/l	99
25) 2-Butanone	6.79	43	174693	93.490	ug/l	97
26) 2,2-Dichloropropane	6.78	77	68779	18.577	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	49966	19.801	ug/l	96
28) Bromochloromethane	7.15	49	49907	19.024	ug/l	99
29) Tetrahydrofuran	7.17	42	119830	95.253	ug/l	98
30) Chloroform	7.33	83	86877	19.927	ug/l	99
31) Cyclohexane	7.61	56	80374	17.558	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	70397	19.412	ug/l	98
36) 1,1-Dichloropropene	7.75	75	61937	18.290	ug/l	98
37) Ethyl Acetate	6.88	43	74703	18.865	ug/l	99
38) Carbon Tetrachloride	7.73	117	57723	18.959	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	66142	18.295	ug/l	97
40) Benzene	8.00	78	192181	19.255	ug/l	99
41) Methacrylonitrile	7.13	41	37734	22.808	ug/l	89
42) 1,2-Dichloroethane	8.09	62	73716	20.171	ug/l	100
43) Isopropyl Acetate	8.13	43	121202	19.375	ug/l	94
44) Trichloroethene	8.80	130	43355	19.578	ug/l	98
45) 1,2-Dichloropropane	9.09	63	57278	19.769	ug/l	99
46) Dibromomethane	9.18	93	32527	19.894	ug/l	98
47) Bromodichloromethane	9.37	83	68743	19.665	ug/l	99
48) Methyl methacrylate	9.17	41	57140	18.622	ug/l	98
49) 1,4-Dioxane	9.17	88	17149	383.971	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	375221	100.427	ug/l	100
52) Toluene	10.12	92	113561	19.698	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	76109	19.434	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	82436	19.078	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	45964	20.272	ug/l	97
56) Ethyl methacrylate	10.40	69	75404	19.164	ug/l	96
57) 1,3-Dichloropropane	10.68	76	84774	20.238	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	127800	95.008	ug/l	97
59) 2-Hexanone	10.72	43	265697	97.956	ug/l	98
60) Dibromochloromethane	10.87	129	50528	20.553	ug/l	100
61) 1,2-Dibromoethane	10.98	107	47006	20.537	ug/l	97
64) Tetrachloroethene	10.60	164	34843	19.099	ug/l	99
65) Chlorobenzene	11.41	112	117055	19.591	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	44705	20.289	ug/l	100
67) Ethyl Benzene	11.48	91	214592	19.133	ug/l	99
68) m/p-Xylenes	11.60	106	157151	39.580	ug/l	97
69) o-Xylene	11.92	106	76044	19.671	ug/l	100
70) Styrene	11.94	104	126217	19.755	ug/l	99
71) Bromoform	12.10	173	33451	20.709	ug/l #	98
73) Isopropylbenzene	12.22	105	202649	19.523	ug/l	100
74) N-amyl acetate	12.05	43	101255	20.042	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	71965	20.620	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	67114m	20.391	ug/l	
77) Bromobenzene	12.50	156	46721	19.799	ug/l	98
78) n-propylbenzene	12.57	91	233022	19.219	ug/l	100
79) 2-Chlorotoluene	12.65	91	143193	19.459	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	170512	20.039	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	23431	19.055	ug/l	98
82) 4-Chlorotoluene	12.75	91	146966	19.672	ug/l	100
83) tert-Butylbenzene	12.97	119	139199	19.277	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	166515	19.687	ug/l	99
85) sec-Butylbenzene	13.15	105	188986	19.750	ug/l	100
86) p-Isopropyltoluene	13.26	119	164368	19.902	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	80220	19.706	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	80870	19.306	ug/l	98
89) n-Butylbenzene	13.59	91	133028	18.243	ug/l	99
90) Hexachloroethane	13.85	117	30990	19.076	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	79502	20.198	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12524	19.664	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	34544	18.609	ug/l	99
94) Hexachlorobutadiene	14.99	225	20450	19.568	ug/l	100
95) Naphthalene	15.10	128	92116	19.355	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	36408	19.292	ug/l	99

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

