

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
 Data File : VN061382.D
 Acq On : 11 May 2020 12:02
 Operator : JC/MD
 Sample : VN0511WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511WBS01

Manual Integrations
 APPROVED

sam
 5/12/2020 3:34:02 PM

Quant Time: May 12 08:55:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	106092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	175701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	164829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	78181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	86652	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
35) Dibromofluoromethane	7.55	113	53671	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	10.06	98	228848	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
62) 4-Bromofluorobenzene	12.37	95	84218	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	20020	17.795	ug/l	97
3) Chloromethane	2.03	50	27916	20.488	ug/l	98
4) Vinyl Chloride	2.16	62	30099	19.449	ug/l	100
5) Bromomethane	2.54	94	13026	17.028	ug/l	99
6) Chloroethane	2.67	64	18412	18.770	ug/l	100
7) Trichlorofluoromethane	2.98	101	38937	22.301	ug/l	97
8) Diethyl Ether	3.37	74	16036	22.019	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	23374	20.780	ug/l	100
10) Methyl Iodide	3.91	142	22909	15.848	ug/l	98
11) Tert butyl alcohol	4.72	59	21296	94.701	ug/l	97
12) 1,1-Dichloroethene	3.69	96	21410	19.127	ug/l	100
13) Acrolein	3.56	56	9409	62.786	ug/l	100
14) Allyl chloride	4.27	41	46502	22.405	ug/l	97
15) Acrylonitrile	4.92	53	68889	99.795	ug/l	99
16) Acetone	3.77	43	65573	97.633	ug/l	96
17) Carbon Disulfide	4.00	76	52502	16.980	ug/l	100
18) Methyl Acetate	4.27	43	37468	18.120	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	83768	19.585	ug/l	99
20) Methylene Chloride	4.50	84	25930	19.809	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	24017	19.704	ug/l	95
22) Diisopropyl ether	5.90	45	100932	20.971	ug/l	99
23) Vinyl Acetate	5.84	43	378852	97.762	ug/l	100
24) 1,1-Dichloroethane	5.79	63	51509	20.484	ug/l	99
25) 2-Butanone	6.78	43	93857	94.486	ug/l	99
26) 2,2-Dichloropropane	6.77	77	44730	21.118	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	27586	19.286	ug/l	97
28) Bromochloromethane	7.15	49	27432	23.016	ug/l	97
29) Tetrahydrofuran	7.16	42	63337	94.655	ug/l	99
30) Chloroform	7.33	83	50473	19.806	ug/l	99
31) Cyclohexane	7.61	56	41798	17.116	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	43060	19.405	ug/l	99
36) 1,1-Dichloropropene	7.75	75	35533	20.202	ug/l	99
37) Ethyl Acetate	6.88	43	42216	20.474	ug/l	99
38) Carbon Tetrachloride	7.73	117	32243	21.460	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	33847	17.160	ug/l	98
40) Benzene	8.00	78	107108	20.440	ug/l	100
41) Methacrylonitrile	7.13	41	18393m	21.484	ug/l	
42) 1,2-Dichloroethane	8.08	62	42756	21.538	ug/l	98
43) Isopropyl Acetate	8.12	43	67192	19.635	ug/l	99
44) Trichloroethene	8.80	130	26686	18.839	ug/l	97
45) 1,2-Dichloropropane	9.08	63	29986	21.420	ug/l	99
46) Dibromomethane	9.17	93	18223	21.024	ug/l	98
47) Bromodichloromethane	9.37	83	39858	21.423	ug/l	98
48) Methyl methacrylate	9.17	41	30745	19.910	ug/l	98
49) 1,4-Dioxane	9.17	88	7045	401.914	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	203197	100.879	ug/l	100
52) Toluene	10.12	92	64809	20.534	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	41756	19.918	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	45384	20.478	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	25861	20.542	ug/l	97
56) Ethyl methacrylate	10.40	69	37354	18.826	ug/l	100
57) 1,3-Dichloropropane	10.68	76	45987	20.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	98414	96.575	ug/l	99
59) 2-Hexanone	10.72	43	142349	97.138	ug/l	98
60) Dibromochloromethane	10.87	129	27217	20.642	ug/l	97
61) 1,2-Dibromoethane	10.98	107	25918	20.540	ug/l	99
64) Tetrachloroethene	10.60	164	24891	17.436	ug/l	96
65) Chlorobenzene	11.41	112	66303	20.278	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	25326	21.642	ug/l	99
67) Ethyl Benzene	11.48	91	120759	19.729	ug/l	99
68) m/p-Xylenes	11.60	106	89209	39.819	ug/l	99
69) o-Xylene	11.92	106	41175	19.133	ug/l	97
70) Styrene	11.94	104	69010	19.160	ug/l	98
71) Bromoform	12.10	173	17651	20.523	ug/l #	100
73) Isopropylbenzene	12.22	105	114224	19.874	ug/l	100
74) N-amyl acetate	12.05	43	54078	18.581	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	37632	20.998	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	30421m	18.456	ug/l	
77) Bromobenzene	12.50	156	26668	20.100	ug/l	97
78) n-propylbenzene	12.57	91	136114	19.966	ug/l	100
79) 2-Chlorotoluene	12.65	91	80861	20.180	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	96077	20.197	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	12585	19.390	ug/l	97
82) 4-Chlorotoluene	12.75	91	85753	20.305	ug/l	99
83) tert-Butylbenzene	12.97	119	76611	19.100	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	97948	19.986	ug/l	100
85) sec-Butylbenzene	13.15	105	104400	19.091	ug/l	99
86) p-Isopropyltoluene	13.26	119	92657	18.805	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	48590	19.894	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	48778	19.546	ug/l	99
89) n-Butylbenzene	13.59	91	83871	18.568	ug/l	98
90) Hexachloroethane	13.85	117	13194	29.383	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	46447	19.833	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	7021	18.550	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	25289	17.733	ug/l	98
94) Hexachlorobutadiene	14.98	225	12240	20.544	ug/l	99
95) Naphthalene	15.11	128	75517	16.260	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	25999	18.465	ug/l	99

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

