

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040820\
 Data File : VN060893.D
 Acq On : 8 Apr 2020 12:05
 Operator : JC/MD
 Sample : VN0408WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBS01

Manual Integrations
 APPROVED

apatel
 4/9/2020 12:29:34 PM

Quant Time: Apr 09 08:44:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	185934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	302952	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	272842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	128072	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	124341	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	7.56	113	93023	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
50) Toluene-d8	10.08	98	369380	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.40	95	133160	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	31059	17.264	ug/l 98
3) Chloromethane	2.04	50	56146	16.710	ug/l 98
4) Vinyl Chloride	2.17	62	44808	17.050	ug/l 96
5) Bromomethane	2.55	94	23814	20.990	ug/l 96
6) Chloroethane	2.69	64	28898	19.088	ug/l 99
7) Trichlorofluoromethane	3.00	101	61614	19.032	ug/l 97
8) Diethyl Ether	3.38	74	26100	20.068	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	37643	20.066	ug/l 99
10) Methyl Iodide	3.93	142	30778	18.438	ug/l 100
11) Tert butyl alcohol	4.72	59	36219	96.485	ug/l 98
12) 1,1-Dichloroethene	3.72	96	37771	18.763	ug/l 98
13) Acrolein	3.58	56	22942	55.144	ug/l 100
14) Allyl chloride	4.29	41	69939	19.753	ug/l 95
15) Acrylonitrile	4.94	53	105880	95.919	ug/l 99
16) Acetone	3.78	43	96876	107.148	ug/l 99
17) Carbon Disulfide	4.03	76	103893	16.969	ug/l 100
18) Methyl Acetate	4.29	43	52112	20.477	ug/l 99
19) Methyl tert-butyl Ether	5.00	73	134043	19.367	ug/l 98
20) Methylene Chloride	4.52	84	43222	19.433	ug/l 98
21) trans-1,2-Dichloroethene	5.01	96	40068	18.675	ug/l 98
22) Diisopropyl ether	5.91	45	156288	20.894	ug/l 99
23) Vinyl Acetate	5.85	43	612983	100.437	ug/l 98
24) 1,1-Dichloroethane	5.81	63	83363	20.443	ug/l 99
25) 2-Butanone	6.80	43	143067	97.788	ug/l 99
26) 2,2-Dichloropropane	6.79	77	69631	21.703	ug/l 100
27) cis-1,2-Dichloroethene	6.80	96	47652	19.545	ug/l 97
28) Bromochloromethane	7.17	49	38975	19.977	ug/l 99
29) Tetrahydrofuran	7.18	42	95218	91.984	ug/l 98
30) Chloroform	7.35	83	77619	19.855	ug/l 98
31) Cyclohexane	7.63	56	76579	18.628	ug/l 97
32) 1,1,1-Trichloroethane	7.54	97	66462	19.721	ug/l 99
36) 1,1-Dichloropropene	7.77	75	59090	20.143	ug/l 100
37) Ethyl Acetate	6.89	43	59857	18.884	ug/l 100
38) Carbon Tetrachloride	7.75	117	51084	19.430	ug/l 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	70627	20.260	ug/l	98
40) Benzene	8.02	78	177603	20.056	ug/l	99
41) Methacrylonitrile	7.15	41	27720m	20.492	ug/l	
42) 1,2-Dichloroethane	8.10	62	61904	20.455	ug/l	98
43) Isopropyl Acetate	8.14	43	102872	19.679	ug/l	99
44) Trichloroethene	8.81	130	44768	20.054	ug/l	98
45) 1,2-Dichloropropane	9.10	63	49551	21.206	ug/l	100
46) Dibromomethane	9.19	93	28908	20.463	ug/l	100
47) Bromodichloromethane	9.38	83	60602	20.644	ug/l	98
48) Methyl methacrylate	9.18	41	44604	19.165	ug/l	99
49) 1,4-Dioxane	9.18	88	12711	459.475	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	293581	98.694	ug/l	99
52) Toluene	10.14	92	107358	20.074	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	69145	20.506	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	76737	20.744	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	42433	20.623	ug/l	100
56) Ethyl methacrylate	10.42	69	62553	19.498	ug/l	96
57) 1,3-Dichloropropane	10.70	76	73099	20.474	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	134924	84.619	ug/l	100
59) 2-Hexanone	10.74	43	205629	95.962	ug/l	99
60) Dibromochloromethane	10.89	129	43231	20.341	ug/l	99
61) 1,2-Dibromoethane	10.99	107	41803	20.205	ug/l	100
64) Tetrachloroethene	10.62	164	42952	20.005	ug/l	97
65) Chlorobenzene	11.43	112	110633	20.454	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	41066	20.970	ug/l	98
67) Ethyl Benzene	11.50	91	206700	20.550	ug/l	100
68) m/p-Xylenes	11.61	106	150538	40.274	ug/l	98
69) o-Xylene	11.94	106	73450	20.585	ug/l	100
70) Styrene	11.96	104	115423	19.779	ug/l	99
71) Bromoform	12.12	173	29338	19.099	ug/l #	98
73) Isopropylbenzene	12.24	105	197134	20.511	ug/l	100
74) N-amyl acetate	12.06	43	83401	18.779	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	58513	20.132	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	52639m	19.048	ug/l	
77) Bromobenzene	12.52	156	45507	19.649	ug/l	98
78) n-propylbenzene	12.59	91	232839	20.505	ug/l	99
79) 2-Chlorotoluene	12.67	91	136199	20.074	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	165569	20.299	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	20065	18.647	ug/l	99
82) 4-Chlorotoluene	12.77	91	137148	19.847	ug/l	99
83) tert-Butylbenzene	12.99	119	138340	20.460	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	164623	20.401	ug/l	99
85) sec-Butylbenzene	13.17	105	190153	20.914	ug/l	99
86) p-Isopropyltoluene	13.28	119	168770	20.642	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	82870	20.288	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	81278	19.805	ug/l	98
89) n-Butylbenzene	13.61	91	153823	20.839	ug/l	100
90) Hexachloroethane	13.87	117	26266	22.101	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	79541	20.365	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10498	17.068	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	46536	19.402	ug/l	99
94) Hexachlorobutadiene	15.01	225	25894	22.022	ug/l	100
95) Naphthalene	15.13	128	128232	17.775	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	45824	19.396	ug/l	99

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

