

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
 Data File : VN061385.D
 Acq On : 11 May 2020 13:22
 Operator : JC/MD
 Sample : VN0511WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511WBSD01

Manual Integrations
 APPROVED

sam
 5/12/2020 3:34:07 PM

Quant Time: May 12 09:05:16 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	7.63	168	105268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	183258	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	172291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	80237	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	86212	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
35) Dibromofluoromethane	7.55	113	54318	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	10.06	98	226279	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.38	95	85302	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	19821	17.756	ug/l	98
3) Chloromethane	2.03	50	27549	20.377	ug/l	99
4) Vinyl Chloride	2.16	62	29412	19.154	ug/l	99
5) Bromomethane	2.54	94	12423	16.367	ug/l	98
6) Chloroethane	2.67	64	18190	18.689	ug/l	97
7) Trichlorofluoromethane	2.98	101	38402	22.166	ug/l	97
8) Diethyl Ether	3.37	74	15463	21.399	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	22774	20.405	ug/l	99
10) Methyl Iodide	3.91	142	24093	16.797	ug/l	98
11) Tert butyl alcohol	4.73	59	19215	86.116	ug/l #	86
12) 1,1-Dichloroethene	3.70	96	21083	18.982	ug/l	95
13) Acrolein	3.57	56	8013	53.889	ug/l	99
14) Allyl chloride	4.28	41	45601	22.143	ug/l	99
15) Acrylonitrile	4.93	53	68226	99.608	ug/l	98
16) Acetone	3.77	43	63615	95.334	ug/l	97
17) Carbon Disulfide	4.01	76	53245	17.355	ug/l	100
18) Methyl Acetate	4.28	43	37614	18.325	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	83908	19.771	ug/l	98
20) Methylene Chloride	4.51	84	25253	19.443	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	22673	18.747	ug/l	97
22) Diisopropyl ether	5.90	45	98873	20.704	ug/l	96
23) Vinyl Acetate	5.84	43	377062	98.062	ug/l	99
24) 1,1-Dichloroethane	5.80	63	50230	20.131	ug/l	99
25) 2-Butanone	6.79	43	93591	94.956	ug/l	98
26) 2,2-Dichloropropane	6.78	77	43750	20.817	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	27027	19.043	ug/l	96
28) Bromochloromethane	7.15	49	25490	21.554	ug/l	95
29) Tetrahydrofuran	7.17	42	63579	95.760	ug/l	98
30) Chloroform	7.33	83	48701	19.261	ug/l	94
31) Cyclohexane	7.62	56	42587	17.575	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	42148	19.142	ug/l	99
36) 1,1-Dichloropropene	7.75	75	35598	19.405	ug/l	99
37) Ethyl Acetate	6.88	43	41094	19.108	ug/l	99
38) Carbon Tetrachloride	7.73	117	30991	19.956	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	35609	17.308	ug/l	99
40) Benzene	8.00	78	104856	19.185	ug/l	100
41) Methacrylonitrile	7.12	41	17895	20.040	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	42201	20.382	ug/l	100
43) Isopropyl Acetate	8.13	43	67945	19.036	ug/l	100
44) Trichloroethene	8.80	130	26360	17.841	ug/l	98
45) 1,2-Dichloropropane	9.08	63	28960	19.834	ug/l	100
46) Dibromomethane	9.18	93	17407	19.254	ug/l	97
47) Bromodichloromethane	9.37	83	38280	19.727	ug/l	97
48) Methyl methacrylate	9.17	41	30441	18.900	ug/l	98
49) 1,4-Dioxane	9.17	88	5559	304.060	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	205816	97.965	ug/l	100
52) Toluene	10.13	92	63776	19.373	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	42508	19.441	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	45629	19.739	ug/l	96
55) 1,1,2-Trichloroethane	10.54	97	26186	19.942	ug/l	99
56) Ethyl methacrylate	10.40	69	39788	19.167	ug/l	98
57) 1,3-Dichloropropane	10.68	76	46162	20.000	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	100174	94.249	ug/l	99
59) 2-Hexanone	10.72	43	146062	95.562	ug/l	99
60) Dibromochloromethane	10.88	129	26657	19.383	ug/l	99
61) 1,2-Dibromoethane	10.98	107	25234	19.173	ug/l	98
64) Tetrachloroethene	10.60	164	25948	17.389	ug/l	98
65) Chlorobenzene	11.41	112	66144	19.353	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	24173	19.762	ug/l	98
67) Ethyl Benzene	11.48	91	124040	19.388	ug/l	100
68) m/p-Xylenes	11.60	106	89219	38.098	ug/l	97
69) o-Xylene	11.92	106	44921	19.970	ug/l	99
70) Styrene	11.94	104	73379	19.490	ug/l	100
71) Bromoform	12.10	173	16866	18.761	ug/l #	93
73) Isopropylbenzene	12.23	105	118999	20.174	ug/l	98
74) N-amyl acetate	12.05	43	56957	19.069	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	38122	20.727	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	33162m	19.604	ug/l	
77) Bromobenzene	12.50	156	25835	18.973	ug/l	94
78) n-propylbenzene	12.57	91	141839	20.273	ug/l	99
79) 2-Chlorotoluene	12.65	91	83580	20.324	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	98776	20.233	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	12936	19.420	ug/l	98
82) 4-Chlorotoluene	12.75	91	84905	19.589	ug/l	100
83) tert-Butylbenzene	12.97	119	82687	20.086	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	97677	19.420	ug/l	97
85) sec-Butylbenzene	13.15	105	111319	19.834	ug/l	100
86) p-Isopropyltoluene	13.26	119	100005	19.777	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	50392	20.103	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	48372	18.886	ug/l	95
89) n-Butylbenzene	13.59	91	92750	20.008	ug/l	99
90) Hexachloroethane	13.85	117	12883m	28.326	ug/l	
91) 1,2-Dichlorobenzene	13.63	146	47271	19.667	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	7869	20.257	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	28501	19.473	ug/l	99
94) Hexachlorobutadiene	14.99	225	12490	20.427	ug/l	98
95) Naphthalene	15.10	128	92845	19.478	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	28087	19.437	ug/l	99

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

