

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042220\
 Data File : VN061134.D
 Acq On : 22 Apr 2020 18:01
 Operator : JC/MD
 Sample : VN0422WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 11:35:46 AM

Quant Time: Apr 23 07:55:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 15:26:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.40	168	190611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	309145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	284513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.16	152	137597	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.77	65	119062	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
35) Dibromofluoromethane	7.31	113	86504	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	9.88	98	358220	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
62) 4-Bromofluorobenzene	12.21	95	131707	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.72	85	33889	19.120	ug/l	99
3) Chloromethane	1.91	50	38663	17.860	ug/l	99
4) Vinyl Chloride	2.03	62	46388	17.656	ug/l	97
5) Bromomethane	2.39	94	23431	18.350	ug/l	98
6) Chloroethane	2.52	64	24548	17.687	ug/l	98
7) Trichlorofluoromethane	2.82	101	55433	19.791	ug/l	96
8) Diethyl Ether	3.18	74	22371	17.289	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.51	101	34642	18.508	ug/l	100
10) Methyl Iodide	3.69	142	50789	18.815	ug/l	100
11) Tert butyl alcohol	4.44	59	22093	67.837	ug/l	97
12) 1,1-Dichloroethene	3.49	96	35750	18.761	ug/l	99
13) Acrolein	3.36	56	21700	87.201	ug/l	99
14) Allyl chloride	4.03	41	54355	20.415	ug/l	96
15) Acrylonitrile	4.64	53	84965	84.204	ug/l	99
16) Acetone	3.54	43	78200	81.241	ug/l	99
17) Carbon Disulfide	3.78	76	101007	17.725	ug/l	99
18) Methyl Acetate	4.02	43	48206	15.724	ug/l	98
19) Methyl tert-butyl Ether	4.70	73	120218	17.861	ug/l	99
20) Methylene Chloride	4.24	84	38411	17.395	ug/l	97
21) trans-1,2-Dichloroethene	4.70	96	39238	17.184	ug/l	93
22) Diisopropyl ether	5.61	45	122193	17.525	ug/l	97
23) Vinyl Acetate	5.55	43	490172	87.724	ug/l	99
24) 1,1-Dichloroethane	5.51	63	69665	18.056	ug/l	99
25) 2-Butanone	6.51	43	112105	81.393	ug/l	100
26) 2,2-Dichloropropane	6.50	77	62363	17.949	ug/l	100
27) cis-1,2-Dichloroethene	6.51	96	43974	17.352	ug/l	98
28) Bromochloromethane	6.90	49	30543	18.425	ug/l	97
29) Tetrahydrofuran	6.90	42	76517	80.696	ug/l	100
30) Chloroform	7.08	83	70872	18.164	ug/l	99
31) Cyclohexane	7.38	56	67518	17.400	ug/l	96
32) 1,1,1-Trichloroethane	7.29	97	62559	17.978	ug/l	100
36) 1,1-Dichloropropene	7.52	75	54895	18.169	ug/l	99
37) Ethyl Acetate	6.61	43	49716	16.418	ug/l	99
38) Carbon Tetrachloride	7.50	117	45571	17.229	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	66714	18.060	ug/l	97
40) Benzene	7.78	78	159649	17.846	ug/l	99
41) Methacrylonitrile	6.88	41	24686m	17.172	ug/l	
42) 1,2-Dichloroethane	7.87	62	57103	17.913	ug/l	99
43) Isopropyl Acetate	7.92	43	87602	17.033	ug/l	100
44) Trichloroethene	8.61	130	47865	18.403	ug/l	99
45) 1,2-Dichloropropane	8.89	63	41827	17.671	ug/l	98
46) Dibromomethane	8.98	93	27557	18.168	ug/l	98
47) Bromodichloromethane	9.18	83	55184	18.457	ug/l	98
48) Methyl methacrylate	8.98	41	38970	16.093	ug/l	97
49) 1,4-Dioxane	8.98	88	8214	270.890	ug/l	95
51) 4-Methyl-2-Pentanone	9.78	43	247953	82.602	ug/l	99
52) Toluene	9.95	92	99570	17.779	ug/l	99
53) t-1,3-Dichloropropene	10.18	75	63877	17.459	ug/l	99
54) cis-1,3-Dichloropropene	9.63	75	68271	17.937	ug/l	100
55) 1,1,2-Trichloroethane	10.36	97	38655	17.914	ug/l	99
56) Ethyl methacrylate	10.24	69	56347	17.137	ug/l	98
57) 1,3-Dichloropropane	10.51	76	65444	17.871	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.49	63	155047	91.457	ug/l	100
59) 2-Hexanone	10.56	43	179948	81.146	ug/l	100
60) Dibromochloromethane	10.71	129	39806	17.642	ug/l	97
61) 1,2-Dibromoethane	10.80	107	39217	17.636	ug/l	100
64) Tetrachloroethene	10.43	164	52989	18.193	ug/l	99
65) Chlorobenzene	11.24	112	104688	18.101	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.32	131	37511	18.300	ug/l	99
67) Ethyl Benzene	11.32	91	193601	17.975	ug/l	100
68) m/p-Xylenes	11.43	106	145585	36.197	ug/l	100
69) o-Xylene	11.76	106	69698	17.949	ug/l	99
70) Styrene	11.77	104	112215	17.844	ug/l	99
71) Bromoform	11.93	173	27374	17.715	ug/l #	98
73) Isopropylbenzene	12.06	105	186503	17.941	ug/l	100
74) N-amyl acetate	11.89	43	77204	16.522	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.32	83	49199	17.661	ug/l	98
76) 1,2,3-Trichloropropane	12.36	75	54745m	17.248	ug/l	
77) Bromobenzene	12.33	156	45297	17.885	ug/l	99
78) n-propylbenzene	12.40	91	218646	17.932	ug/l	100
79) 2-Chlorotoluene	12.48	91	125969	17.793	ug/l	99
80) 1,3,5-Trimethylbenzene	12.55	105	156281	17.841	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.11	75	19894	16.461	ug/l	99
82) 4-Chlorotoluene	12.58	91	132750	17.673	ug/l	99
83) tert-Butylbenzene	12.81	119	133465	18.143	ug/l	99
84) 1,2,4-Trimethylbenzene	12.85	105	156630	17.954	ug/l	100
85) sec-Butylbenzene	12.98	105	179737	18.056	ug/l	100
86) p-Isopropyltoluene	13.10	119	163952	18.147	ug/l	99
87) 1,3-Dichlorobenzene	13.09	146	81931	18.252	ug/l	99
88) 1,4-Dichlorobenzene	13.17	146	82057	18.009	ug/l	98
89) n-Butylbenzene	13.43	91	147218	17.858	ug/l	100
90) Hexachloroethane	13.68	117	10710	14.755	ug/l	98
91) 1,2-Dichlorobenzene	13.46	146	77370	18.526	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.08	75	10408	17.212	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.72	180	50976	18.250	ug/l	99
94) Hexachlorobutadiene	14.82	225	22297	18.305	ug/l	97
95) Naphthalene	14.93	128	154158	17.875	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	50179	18.696	ug/l	99

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

