

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120618\
 Data File : VN052690.D
 Acq On : 6 Dec 2018 10:37
 Operator : MD\SY
 Sample : VN1206WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 1:12:44 PM

Quant Time: Dec 07 06:54:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1018219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1532031	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1365757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	624516	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	559381	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
35) Dibromofluoromethane	7.59	113	506985	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
50) Toluene-d8	10.09	98	1921921	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
62) 4-Bromofluorobenzene	12.40	95	649780	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	165805	17.391	ug/l	97
3) Chloromethane	2.06	50	211974	16.844	ug/l	96
4) Vinyl Chloride	2.19	62	228894	17.706	ug/l	100
5) Bromomethane	2.57	94	141952	17.598	ug/l	99
6) Chloroethane	2.71	64	138797	17.725	ug/l	100
7) Trichlorofluoromethane	3.02	101	304702	19.188	ug/l	99
8) Diethyl Ether	3.41	74	113243	19.311	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	194755	19.655	ug/l	98
10) Methyl Iodide	3.96	142	264436	20.037	ug/l	99
11) Tert butyl alcohol	4.78	59	58445	105.302	ug/l	98
12) 1,1-Dichloroethene	3.74	96	180879	18.964	ug/l	99
13) Acrolein	3.61	56	56696	58.775	ug/l	98
14) Allyl chloride	4.33	41	308892	18.790	ug/l	99
15) Acrylonitrile	4.99	53	340643	96.956	ug/l	100
16) Acetone	3.82	43	308603	105.535	ug/l	99
17) Carbon Disulfide	4.06	76	481414	16.039	ug/l	98
18) Methyl Acetate	4.33	43	172781	20.599	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	499770	19.694	ug/l	100
20) Methylene Chloride	4.55	84	212765	18.593	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	192916	18.938	ug/l	95
22) Diisopropyl ether	5.95	45	669929	19.401	ug/l	99
23) Vinyl Acetate	5.90	43	2013978	93.642	ug/l	99
24) 1,1-Dichloroethane	5.85	63	385386	19.547	ug/l	99
25) 2-Butanone	6.83	43	408003	98.439	ug/l	97
26) 2,2-Dichloropropane	6.83	77	278015	20.373	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	227437	19.167	ug/l	100
28) Bromochloromethane	7.19	49	172393	19.144	ug/l	97
29) Tetrahydrofuran	7.21	42	250975	93.881	ug/l	98
30) Chloroform	7.37	83	379996	19.318	ug/l	100
31) Cyclohexane	7.66	56	352540	18.242	ug/l #	94
32) 1,1,1-Trichloroethane	7.57	97	310092	19.897	ug/l	99
36) 1,1-Dichloropropene	7.79	75	283688	19.609	ug/l	99
37) Ethyl Acetate	6.93	43	168714	19.108	ug/l	98
38) Carbon Tetrachloride	7.77	117	269189	20.554	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	343509	19.535	ug/l	99
40) Benzene	8.04	78	866280	20.092	ug/l	99
41) Methacrylonitrile	7.17	41	99585	20.630	ug/l	94
42) 1,2-Dichloroethane	8.12	62	267489	20.490	ug/l	100
43) Isopropyl Acetate	8.16	43	300235	20.093	ug/l #	87
44) Trichloroethene	8.83	130	231303	20.944	ug/l	99
45) 1,2-Dichloropropane	9.12	63	233675	20.385	ug/l	98
46) Dibromomethane	9.21	93	130483	20.563	ug/l	98
47) Bromodichloromethane	9.40	83	285896	20.722	ug/l	98
48) Methyl methacrylate	9.20	41	154207	19.793	ug/l	98
49) 1,4-Dioxane	9.20	88	36192	447.596	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	864713	103.145	ug/l	100
52) Toluene	10.16	92	530216	20.698	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	273960	20.641	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	331508	20.842	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	188221	20.888	ug/l	98
56) Ethyl methacrylate	10.43	69	234371	20.415	ug/l	98
57) 1,3-Dichloropropane	10.71	76	324225	20.378	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	697311	106.647	ug/l	98
59) 2-Hexanone	10.75	43	596043	105.933	ug/l	100
60) Dibromochloromethane	10.90	129	210016	21.459	ug/l	99
61) 1,2-Dibromoethane	11.00	107	183937	20.552	ug/l	99
64) Tetrachloroethene	10.63	164	222954	21.055	ug/l	98
65) Chlorobenzene	11.43	112	585536	20.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	206389	21.077	ug/l	100
67) Ethyl Benzene	11.51	91	1001901	20.316	ug/l	99
68) m/p-Xylenes	11.62	106	758286	41.303	ug/l	100
69) o-Xylene	11.95	106	370355	20.773	ug/l	99
70) Styrene	11.96	104	603356	21.248	ug/l	99
71) Bromoform	12.13	173	137125	21.150	ug/l #	100
73) Isopropylbenzene	12.25	105	1000081	20.411	ug/l	99
74) N-amyl acetate	12.07	43	242393	19.582	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	219229	19.669	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	186820m	19.399	ug/l	
77) Bromobenzene	12.53	156	248755	20.540	ug/l	97
78) n-propylbenzene	12.59	91	1145385	20.577	ug/l	99
79) 2-Chlorotoluene	12.67	91	668988	20.182	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	820367	20.993	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	59094	20.492	ug/l	98
82) 4-Chlorotoluene	12.77	91	680637	20.374	ug/l	99
83) tert-Butylbenzene	12.99	119	721603	20.713	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	819740	20.932	ug/l	100
85) sec-Butylbenzene	13.17	105	991395	20.894	ug/l	100
86) p-Isopropyltoluene	13.29	119	847363	20.967	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	435433	20.554	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	425623	20.397	ug/l	99
89) n-Butylbenzene	13.62	91	697030	20.738	ug/l	100
90) Hexachloroethane	13.88	117	141004	20.605	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	425103	21.004	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32342	20.289	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	208861	20.601	ug/l	99
94) Hexachlorobutadiene	15.01	225	141461	21.726	ug/l	98
95) Naphthalene	15.13	128	409253	19.641	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	198007	21.091	ug/l	99

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

