

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049695.D
 Acq On : 3 Jul 2018 15:55
 Operator : MD\SY
 Sample : VN0703WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

Manual Integrations
 APPROVED

sam
 7/5/2018 2:26:54 PM

Quant Time: Jul 04 00:06:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1305313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1987345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1764073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	955621	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	864988	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
35) Dibromofluoromethane	7.59	113	731208	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	10.09	98	2769103	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
62) 4-Bromofluorobenzene	12.40	95	966877	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	304293	20.686	ug/l	98
3) Chloromethane	2.06	50	327591	17.830	ug/l	99
4) Vinyl Chloride	2.18	62	429260	21.753	ug/l	99
5) Bromomethane	2.56	94	92016	8.877	ug/l	96
6) Chloroethane	2.70	64	267666	21.431	ug/l	100
7) Trichlorofluoromethane	3.01	101	488578	21.676	ug/l	98
8) Diethyl Ether	3.41	74	209867	22.971	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	346350	21.357	ug/l	99
10) Methyl Iodide	3.94	142	121578	5.990	ug/l	99
11) Tert butyl alcohol	4.82	59	148456	150.081	ug/l #	84
12) 1,1-Dichloroethene	3.73	96	328433	21.422	ug/l	99
13) Acrolein	3.60	56	56999	61.689	ug/l	98
14) Allyl chloride	4.32	41	419970	19.942	ug/l	98
15) Acrylonitrile	5.00	53	654559	128.121	ug/l	99
16) Acetone	3.82	43	547169	155.023	ug/l	99
17) Carbon Disulfide	4.04	76	1043408	24.544	ug/l	99
18) Methyl Acetate	4.33	43	364858	20.698	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	939954	23.783	ug/l	99
20) Methylene Chloride	4.55	84	399720	22.519	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	343445	21.767	ug/l	97
22) Diisopropyl ether	5.96	45	1092206	22.923	ug/l	100
23) Vinyl Acetate	5.90	43	3669872	118.777	ug/l	100
24) 1,1-Dichloroethane	5.85	63	660104	21.992	ug/l	99
25) 2-Butanone	6.84	43	789678	137.993	ug/l	98
26) 2,2-Dichloropropane	6.82	77	524419	21.036	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	395046	22.413	ug/l	98
28) Bromochloromethane	7.19	49	243312	19.099	ug/l	97
29) Tetrahydrofuran	7.22	42	501376	137.462	ug/l	99
30) Chloroform	7.37	83	664276	21.710	ug/l	97
31) Cyclohexane	7.65	56	568332	21.668	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	574905	22.193	ug/l	99
36) 1,1-Dichloropropene	7.79	75	489721	21.903	ug/l	100
37) Ethyl Acetate	6.93	43	339038	25.997	ug/l	98
38) Carbon Tetrachloride	7.78	117	466760	21.460	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	519455	21.190	ug/l	97
40) Benzene	8.04	78	1501955	22.000	ug/l	100
41) Methacrylonitrile	7.18	41	165886	22.566	ug/l	93
42) 1,2-Dichloroethane	8.13	62	483611	22.196	ug/l	100
43) Isopropyl Acetate	8.17	43	676328	25.839	ug/l #	91
44) Trichloroethene	8.84	130	440992	21.418	ug/l	100
45) 1,2-Dichloropropane	9.12	63	393744	22.323	ug/l	99
46) Dibromomethane	9.21	93	241602	22.641	ug/l	99
47) Bromodichloromethane	9.41	83	494909	21.787	ug/l	98
48) Methyl methacrylate	9.20	41	298033	25.718	ug/l	98
49) 1,4-Dioxane	9.20	88	83494	535.910	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	1745447	136.511	ug/l	100
52) Toluene	10.16	92	922552	22.367	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	430411	19.788	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	515729	20.287	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	352456	22.950	ug/l	99
56) Ethyl methacrylate	10.43	69	457767	25.429	ug/l	98
57) 1,3-Dichloropropane	10.71	76	581284	23.342	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	834581	95.925	ug/l	100
59) 2-Hexanone	10.76	43	1190373	140.791	ug/l	99
60) Dibromochloromethane	10.90	129	375350	22.613	ug/l	99
61) 1,2-Dibromoethane	11.01	107	341621	23.216	ug/l	99
64) Tetrachloroethene	10.63	164	501883	21.012	ug/l	99
65) Chlorobenzene	11.44	112	985784	21.421	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	350765	21.213	ug/l	99
67) Ethyl Benzene	11.52	91	1650305	21.694	ug/l	99
68) m/p-Xylenes	11.63	106	1331837	45.684	ug/l	98
69) o-Xylene	11.95	106	641518	22.984	ug/l	98
70) Styrene	11.97	104	1015150	22.478	ug/l	99
71) Bromoform	12.13	173	245377	22.333	ug/l #	99
73) Isopropylbenzene	12.25	105	1671421	21.958	ug/l	100
74) N-amyl acetate	12.07	43	522442	25.127	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	440911	27.256	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	400177m	26.111	ug/l	
77) Bromobenzene	12.53	156	428376	20.696	ug/l	100
78) n-propylbenzene	12.59	91	1936416	22.197	ug/l	100
79) 2-Chlorotoluene	12.68	91	1197018	21.680	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1462246	23.117	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	44068	9.766	ug/l	97
82) 4-Chlorotoluene	12.78	91	1192376	21.479	ug/l	100
83) tert-Butylbenzene	12.99	119	1210515	22.278	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1539287	23.683	ug/l	100
85) sec-Butylbenzene	13.17	105	1624444	22.564	ug/l	100
86) p-Isopropyltoluene	13.29	119	1439743	23.089	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	772336	21.716	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	749888	21.529	ug/l	100
89) n-Butylbenzene	13.62	91	1112286	20.835	ug/l	100
90) Hexachloroethane	13.88	117	132433	20.219	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	778060	22.500	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	68183	25.170	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	313487	19.352	ug/l	99
94) Hexachlorobutadiene	15.01	225	223302	20.692	ug/l	98
95) Naphthalene	15.14	128	707168	20.789	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	333935	20.962	ug/l	100

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

