

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092018\
 Data File : VN051345.D
 Acq On : 20 Sep 2018 17:42
 Operator : MD\SY
 Sample : VN0920WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 2:48:19 PM

Quant Time: Sep 21 06:58:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 03:27:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	689685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	936772	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	842088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	421125	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	363912	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	7.59	113	364888	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	10.09	98	1374663	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
62) 4-Bromofluorobenzene	12.40	95	436389	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	109623	19.021	ug/l	98
3) Chloromethane	2.06	50	149512	18.285	ug/l	98
4) Vinyl Chloride	2.18	62	158209	19.474	ug/l	100
5) Bromomethane	2.57	94	114620	20.227	ug/l	99
6) Chloroethane	2.70	64	97994	19.628	ug/l	98
7) Trichlorofluoromethane	3.02	101	224050	19.291	ug/l	96
8) Diethyl Ether	3.41	74	75819	20.403	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	139487	19.573	ug/l	98
10) Methyl Iodide	3.95	142	208155	19.736	ug/l	100
11) Tert butyl alcohol	4.79	59	39218	98.959	ug/l	96
12) 1,1-Dichloroethene	3.74	96	127716	19.797	ug/l	95
13) Acrolein	3.61	56	48125	106.099	ug/l	99
14) Allyl chloride	4.33	41	181762	19.989	ug/l	99
15) Acrylonitrile	4.99	53	199807	99.487	ug/l	99
16) Acetone	3.82	43	133677	87.053	ug/l	95
17) Carbon Disulfide	4.05	76	385089	19.810	ug/l	98
18) Methyl Acetate	4.33	43	91120	17.268	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	320033	20.497	ug/l	96
20) Methylene Chloride	4.55	84	149324	19.433	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	138932	20.390	ug/l	98
22) Diisopropyl ether	5.95	45	384546	21.409	ug/l	96
23) Vinyl Acetate	5.90	43	1218059	104.841	ug/l	99
24) 1,1-Dichloroethane	5.85	63	243244	19.867	ug/l	99
25) 2-Butanone	6.84	43	207381	97.098	ug/l	100
26) 2,2-Dichloropropane	6.83	77	195960	19.369	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	153650	20.350	ug/l	100
28) Bromochloromethane	7.20	49	102167	20.133	ug/l	98
29) Tetrahydrofuran	7.22	42	138916	102.665	ug/l	99
30) Chloroform	7.37	83	252418	19.617	ug/l	99
31) Cyclohexane	7.66	56	218699	18.154	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	221340	19.965	ug/l	100
36) 1,1-Dichloropropene	7.79	75	192275	20.066	ug/l	98
37) Ethyl Acetate	6.93	43	99979	21.076	ug/l	97
38) Carbon Tetrachloride	7.77	117	203016	19.585	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	223891	20.021	ug/l	97
40) Benzene	8.04	78	579647	20.077	ug/l	99
41) Methacrylonitrile	7.17	41	49023	19.837	ug/l #	94
42) 1,2-Dichloroethane	8.13	62	170742	19.577	ug/l	99
43) Isopropyl Acetate	8.17	43	176650	21.263	ug/l #	88
44) Trichloroethene	8.84	130	164711	19.873	ug/l	96
45) 1,2-Dichloropropane	9.12	63	149614	20.251	ug/l	99
46) Dibromomethane	9.21	93	90477	19.866	ug/l	99
47) Bromodichloromethane	9.40	83	188284	19.381	ug/l	97
48) Methyl methacrylate	9.20	41	82939	19.582	ug/l	98
49) 1,4-Dioxane	9.20	88	25342	404.602	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	471845	105.586	ug/l	100
52) Toluene	10.16	92	371385	20.890	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	186834	20.031	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	221065	20.469	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	129987	19.493	ug/l	99
56) Ethyl methacrylate	10.43	69	145881	20.712	ug/l	99
57) 1,3-Dichloropropane	10.71	76	213636	20.339	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	370588	107.011	ug/l	99
59) 2-Hexanone	10.75	43	299091	99.273	ug/l	98
60) Dibromochloromethane	10.90	129	151815	19.523	ug/l	99
61) 1,2-Dibromoethane	11.00	107	126087	19.667	ug/l	100
64) Tetrachloroethene	10.63	164	151751	20.665	ug/l	98
65) Chlorobenzene	11.43	112	407151	20.238	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	154627	20.189	ug/l	100
67) Ethyl Benzene	11.51	91	654578	20.798	ug/l	98
68) m/p-Xylenes	11.62	106	524589	42.426	ug/l	98
69) o-Xylene	11.95	106	250190	20.990	ug/l	100
70) Styrene	11.96	104	393421	21.264	ug/l	100
71) Bromoform	12.13	173	104463	20.097	ug/l #	100
73) Isopropylbenzene	12.25	105	669688	21.698	ug/l	99
74) N-amyl acetate	12.07	43	132603	20.082	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	153754	20.186	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	119230m	19.606	ug/l	
77) Bromobenzene	12.53	156	173960	20.400	ug/l	98
78) n-propylbenzene	12.59	91	727580	21.624	ug/l	99
79) 2-Chlorotoluene	12.67	91	442982	21.363	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	558661	22.328	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	37447	21.318	ug/l	99
82) 4-Chlorotoluene	12.77	91	436643	21.665	ug/l	99
83) tert-Butylbenzene	12.99	119	489733	21.868	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	555609	22.373	ug/l	99
85) sec-Butylbenzene	13.17	105	653095	21.929	ug/l	100
86) p-Isopropyltoluene	13.29	119	569336	21.966	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	294262	20.530	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	280488	20.187	ug/l	99
89) n-Butylbenzene	13.61	91	421365	20.913	ug/l	99
90) Hexachloroethane	13.87	117	106406	19.170	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	289211	20.887	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20320	20.142	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	130502	20.560	ug/l	99
94) Hexachlorobutadiene	15.01	225	108021	20.102	ug/l	98
95) Naphthalene	15.13	128	219104	19.582	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	132368	20.960	ug/l	98

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

