

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111618\
 Data File : VN052360.D
 Acq On : 16 Nov 2018 13:13
 Operator : MD\SY
 Sample : VN1116WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/19/2018 12:46:05 PM

Quant Time: Nov 16 23:31:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	245322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	415857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	373823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	164153	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	153269	44.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.48%	
35) Dibromofluoromethane	7.59	113	117253	43.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.42%	
50) Toluene-d8	10.09	98	454317	43.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.12%	
62) 4-Bromofluorobenzene	12.40	95	147660	42.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	52335	20.132	ug/l	99
3) Chloromethane	2.06	50	69603	19.267	ug/l	98
4) Vinyl Chloride	2.19	62	58841	18.842	ug/l	98
5) Bromomethane	2.57	94	22223	11.415	ug/l	96
6) Chloroethane	2.71	64	32598	18.462	ug/l	96
7) Trichlorofluoromethane	3.02	101	85337	19.748	ug/l	98
8) Diethyl Ether	3.41	74	29831	18.113	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.77	101	51686	18.940	ug/l	97
10) Methyl Iodide	3.96	142	35254	9.621	ug/l	98
11) Tert butyl alcohol	4.77	59	15982	87.342	ug/l	96
12) 1,1-Dichloroethene	3.74	96	46343	18.351	ug/l	96
13) Acrolein	3.61	56	16184	75.303	ug/l	95
14) Allyl chloride	4.33	41	97858	18.872	ug/l	97
15) Acrylonitrile	4.99	53	93354	89.346	ug/l	98
16) Acetone	3.82	43	74889	78.501	ug/l	96
17) Carbon Disulfide	4.06	76	130708	18.050	ug/l	97
18) Methyl Acetate	4.33	43	48024	18.241	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	131290	18.091	ug/l	97
20) Methylene Chloride	4.55	84	57715	19.458	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	50157	18.447	ug/l	99
22) Diisopropyl ether	5.96	45	202062	19.098	ug/l	98
23) Vinyl Acetate	5.90	43	655484	91.329	ug/l	100
24) 1,1-Dichloroethane	5.85	63	107248	18.904	ug/l	99
25) 2-Butanone	6.84	43	114610	85.351	ug/l	96
26) 2,2-Dichloropropane	6.83	77	79826	19.135	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	57099	18.040	ug/l	95
28) Bromochloromethane	7.20	49	52120	17.867	ug/l	98
29) Tetrahydrofuran	7.21	42	77753	88.142	ug/l	99
30) Chloroform	7.37	83	103899	19.217	ug/l	94
31) Cyclohexane	7.66	56	102629	18.822	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	87135	18.919	ug/l	98
36) 1,1-Dichloropropene	7.80	75	79834	19.153	ug/l	99
37) Ethyl Acetate	6.93	43	52031	17.200	ug/l	97
38) Carbon Tetrachloride	7.78	117	74896	19.558	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	86422	18.163	ug/l	98
40) Benzene	8.04	78	225504	18.938	ug/l	99
41) Methacrylonitrile	7.18	41	35415	23.217	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	83335	19.626	ug/l	100
43) Isopropyl Acetate	8.17	43	100264	17.177	ug/l	99
44) Trichloroethene	8.84	130	55117	18.791	ug/l	97
45) 1,2-Dichloropropane	9.12	63	61761	18.276	ug/l	98
46) Dibromomethane	9.21	93	35966	18.385	ug/l	96
47) Bromodichloromethane	9.40	83	78775	19.623	ug/l	96
48) Methyl methacrylate	9.20	41	51456	17.373	ug/l	99
49) 1,4-Dioxane	9.20	88	9193	404.316	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	266727	90.776	ug/l	100
52) Toluene	10.16	92	137400	19.289	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	75034	18.533	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	88252	19.121	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	47518	18.402	ug/l	97
56) Ethyl methacrylate	10.43	69	61851	18.213	ug/l	96
57) 1,3-Dichloropropane	10.71	76	86457	18.902	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	192805	99.722	ug/l	99
59) 2-Hexanone	10.75	43	171719	84.966	ug/l	97
60) Dibromochloromethane	10.90	129	51446	18.414	ug/l	98
61) 1,2-Dibromoethane	11.00	107	47602	18.506	ug/l	98
64) Tetrachloroethene	10.63	164	55890	21.030	ug/l	94
65) Chlorobenzene	11.43	112	146745	18.571	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	52331	19.421	ug/l	99
67) Ethyl Benzene	11.51	91	263168	19.189	ug/l	98
68) m/p-Xylenes	11.62	106	194871	38.890	ug/l	100
69) o-Xylene	11.95	106	92207	19.197	ug/l	98
70) Styrene	11.96	104	150939	19.625	ug/l	99
71) Bromoform	12.13	173	28313	17.797	ug/l #	99
73) Isopropylbenzene	12.25	105	251703	19.072	ug/l	99
74) N-amyl acetate	12.07	43	84419	17.959	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	56953	17.851	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	51943m	18.649	ug/l	
77) Bromobenzene	12.53	156	58133	18.931	ug/l	99
78) n-propylbenzene	12.59	91	298488	19.338	ug/l	99
79) 2-Chlorotoluene	12.67	91	172365	19.116	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	207273	19.749	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	13475	15.691	ug/l	86
82) 4-Chlorotoluene	12.77	91	172842	18.710	ug/l	99
83) tert-Butylbenzene	12.99	119	178568	19.272	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	205751	19.528	ug/l	98
85) sec-Butylbenzene	13.17	105	248881	19.718	ug/l	99
86) p-Isopropyltoluene	13.29	119	209152	19.562	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	102941	18.875	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	100717	18.575	ug/l	97
89) n-Butylbenzene	13.61	91	182250	19.846	ug/l	99
90) Hexachloroethane	13.87	117	36211	19.121	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	100386	18.999	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	8792	18.688	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	43903	19.308	ug/l	98
94) Hexachlorobutadiene	15.01	225	24624	20.361	ug/l	98
95) Naphthalene	15.13	128	92048	17.620	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	39806	19.826	ug/l	99

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

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