

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052891.D
 Acq On : 14 Dec 2018 16:25
 Operator : MD\SY
 Sample : VN1214WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBS02

Manual Integrations
 APPROVED

MMDadoda
 12/17/2018 3:05:55 PM

Quant Time: Dec 15 03:31:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1143205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1717825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1526305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	716431	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	590565	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	7.59	113	391511	40.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.66%	
50) Toluene-d8	10.09	98	2139322	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.40	95	736913	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	219060	18.615	ug/l	100
3) Chloromethane	2.06	50	253533	17.950	ug/l	99
4) Vinyl Chloride	2.19	62	261031	18.473	ug/l	99
5) Bromomethane	2.58	94	161591	18.541	ug/l	100
6) Chloroethane	2.71	64	155156	18.576	ug/l	99
7) Trichlorofluoromethane	3.03	101	327126	18.673	ug/l	99
8) Diethyl Ether	3.41	74	118952	18.614	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	210725	19.408	ug/l	99
10) Methyl Iodide	3.96	142	282295	18.566	ug/l	100
11) Tert butyl alcohol	4.77	59	57373	84.472	ug/l	99
12) 1,1-Dichloroethene	3.74	96	195646	18.614	ug/l	100
13) Acrolein	3.61	56	15195	23.762	ug/l	97
14) Allyl chloride	4.33	41	319748	18.625	ug/l	98
15) Acrylonitrile	4.99	53	333290	87.470	ug/l	98
16) Acetone	3.82	43	198388	72.668	ug/l	96
17) Carbon Disulfide	4.06	76	570650	17.674	ug/l	99
18) Methyl Acetate	4.32	43	178531	17.819	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	518857	18.184	ug/l	99
20) Methylene Chloride	4.56	84	222145	18.081	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	206496	18.134	ug/l	98
22) Diisopropyl ether	5.95	45	675762	18.451	ug/l	98
23) Vinyl Acetate	5.90	43	1891620	86.800	ug/l	99
24) 1,1-Dichloroethane	5.85	63	390751	18.501	ug/l	99
25) 2-Butanone	6.83	43	338947	80.015	ug/l	99
26) 2,2-Dichloropropane	6.83	77	298328	19.181	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	239675	18.545	ug/l	99
28) Bromochloromethane	7.20	49	187913	19.814	ug/l	97
29) Tetrahydrofuran	7.21	42	246036	85.078	ug/l	99
30) Chloroform	7.37	83	383829	18.636	ug/l	98
31) Cyclohexane	7.66	56	382569	18.204	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	324085	18.807	ug/l	100
36) 1,1-Dichloropropene	7.79	75	304037	19.220	ug/l	99
37) Ethyl Acetate	6.93	43	164874	17.350	ug/l	100
38) Carbon Tetrachloride	7.77	117	275012	18.888	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	371360	19.130	ug/l	99
40) Benzene	8.04	78	900132	18.959	ug/l	99
41) Methacrylonitrile	7.18	41	98239m	18.658	ug/l	
42) 1,2-Dichloroethane	8.13	62	271179	18.972	ug/l	100
43) Isopropyl Acetate	8.16	43	319078	16.377	ug/l	99
44) Trichloroethene	8.84	130	264760	20.645	ug/l	96
45) 1,2-Dichloropropane	9.12	63	235418	18.931	ug/l	98
46) Dibromomethane	9.21	93	133015	18.443	ug/l	98
47) Bromodichloromethane	9.40	83	284951	19.053	ug/l	99
48) Methyl methacrylate	9.20	41	155323	18.178	ug/l	97
49) 1,4-Dioxane	9.20	88	37648	388.176	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	802780	89.856	ug/l	100
52) Toluene	10.16	92	560774	19.501	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	283744	18.854	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	343056	19.129	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	191675	18.673	ug/l	97
56) Ethyl methacrylate	10.43	69	244376	18.551	ug/l	98
57) 1,3-Dichloropropane	10.71	76	334916	19.026	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	698258	94.994	ug/l	98
59) 2-Hexanone	10.75	43	527676	86.183	ug/l	100
60) Dibromochloromethane	10.90	129	207088	18.667	ug/l	99
61) 1,2-Dibromoethane	11.01	107	186921	18.422	ug/l	97
64) Tetrachloroethene	10.63	164	323839	24.686	ug/l	99
65) Chlorobenzene	11.43	112	612119	19.331	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	210218	19.088	ug/l	100
67) Ethyl Benzene	11.51	91	1059954	19.492	ug/l	100
68) m/p-Xylenes	11.62	106	807540	39.549	ug/l	100
69) o-Xylene	11.95	106	394528	19.787	ug/l	100
70) Styrene	11.96	104	641036	20.000	ug/l	99
71) Bromoform	12.13	173	136461	18.239	ug/l #	100
73) Isopropylbenzene	12.25	105	1053359	19.692	ug/l	100
74) N-amyl acetate	12.07	43	271807	18.508	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	172071	14.353	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	187357m	17.725	ug/l	
77) Bromobenzene	12.53	156	267106	19.632	ug/l	96
78) n-propylbenzene	12.59	91	1203322	19.725	ug/l	100
79) 2-Chlorotoluene	12.68	91	701052	19.438	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	848366	19.647	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	59700	18.144	ug/l	98
82) 4-Chlorotoluene	12.77	91	713483	19.349	ug/l	99
83) tert-Butylbenzene	12.99	119	749251	19.670	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	870609	19.916	ug/l	100
85) sec-Butylbenzene	13.17	105	1028772	19.943	ug/l	100
86) p-Isopropyltoluene	13.29	119	890080	19.915	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	461809	19.101	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	458137	19.134	ug/l	99
89) n-Butylbenzene	13.62	91	755666	20.085	ug/l	99
90) Hexachloroethane	13.88	117	129131	17.255	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	437644	18.817	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30884	17.090	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	237924	18.820	ug/l	100
94) Hexachlorobutadiene	15.01	225	142861	19.523	ug/l	98
95) Naphthalene	15.13	128	483071	18.449	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	211393	18.223	ug/l	99

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

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