

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
 Data File : VN051916.D
 Acq On : 18 Oct 2018 15:08
 Operator : MD\SY
 Sample : VN1018WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 4:37:56 PM

Quant Time: Oct 19 07:06:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 19 05:11:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	985855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1467108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1294569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	560294	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	451500	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	7.59	113	453129	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	10.09	98	1625664	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
62) 4-Bromofluorobenzene	12.40	95	513835	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	109410	18.34	ug/l	99
3) Chloromethane	2.06	50	111964	19.21	ug/l	97
4) Vinyl Chloride	2.18	62	170462	19.36	ug/l	99
5) Bromomethane	2.57	94	152706	20.00	ug/l	96
6) Chloroethane	2.70	64	132369	20.72	ug/l	95
7) Trichlorofluoromethane	3.01	101	264801	19.52	ug/l	98
8) Diethyl Ether	3.41	74	81612	20.54	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	158788	20.40	ug/l	98
10) Methyl Iodide	3.95	142	184680	20.12	ug/l	98
11) Tert butyl alcohol	4.80	59	51871	97.13	ug/l	99
12) 1,1-Dichloroethene	3.73	96	147282	20.76	ug/l	98
13) Acrolein	3.61	56	33798	75.28	ug/l	98
14) Allyl chloride	4.33	41	151131	19.67	ug/l	99
15) Acrylonitrile	4.99	53	204143	104.69	ug/l	99
16) Acetone	3.82	43	141354	87.34	ug/l	96
17) Carbon Disulfide	4.05	76	317818	17.97	ug/l	97
18) Methyl Acetate	4.33	43	99610	18.97	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	412190	20.16	ug/l	100
20) Methylene Chloride	4.55	84	164410	19.98	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	160169	19.64	ug/l	98
22) Diisopropyl ether	5.95	45	363603	20.30	ug/l	95
23) Vinyl Acetate	5.90	43	1222797	99.17	ug/l	99
24) 1,1-Dichloroethane	5.85	63	260176	20.06	ug/l	100
25) 2-Butanone	6.84	43	218369	94.41	ug/l	99
26) 2,2-Dichloropropane	6.83	77	239643	19.54	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	194464	20.52	ug/l	98
28) Bromochloromethane	7.20	49	110971	21.07	ug/l	97
29) Tetrahydrofuran	7.22	42	138500	98.04	ug/l	99
30) Chloroform	7.37	83	322046	20.76	ug/l	99
31) Cyclohexane	7.66	56	216788	18.91	ug/l	# 96
32) 1,1,1-Trichloroethane	7.57	97	294070	20.32	ug/l	99
36) 1,1-Dichloropropene	7.80	75	215515	18.93	ug/l	99
37) Ethyl Acetate	6.93	43	98187	17.90	ug/l	99
38) Carbon Tetrachloride	7.77	117	258535	19.28	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	270543	19.19	ug/l	98
40) Benzene	8.04	78	664064	19.96	ug/l	100
41) Methacrylonitrile	7.18	41	56872	21.99	ug/l #	72
42) 1,2-Dichloroethane	8.13	62	215720	20.24	ug/l	99
43) Isopropyl Acetate	8.17	43	198020	18.28	ug/l #	88
44) Trichloroethene	8.84	130	211195	20.23	ug/l	100
45) 1,2-Dichloropropane	9.12	63	155063	20.16	ug/l	97
46) Dibromomethane	9.21	93	118865	20.27	ug/l	99
47) Bromodichloromethane	9.40	83	233496	19.87	ug/l	98
48) Methyl methacrylate	9.20	41	89479	19.47	ug/l	99
49) 1,4-Dioxane	9.20	88	33269	381.05	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	524965	99.03	ug/l	100
52) Toluene	10.16	92	447050	20.09	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	207910	18.67	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	242890	19.56	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	163719	20.08	ug/l	99
56) Ethyl methacrylate	10.43	69	177248	19.44	ug/l	98
57) 1,3-Dichloropropane	10.71	76	249770	20.12	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	366497	89.13	ug/l	100
59) 2-Hexanone	10.75	43	331759	93.34	ug/l	99
60) Dibromochloromethane	10.90	129	185152	18.30	ug/l	99
61) 1,2-Dibromoethane	11.01	107	165869	19.40	ug/l	98
64) Tetrachloroethene	10.63	164	210237	20.23	ug/l	98
65) Chlorobenzene	11.43	112	511730	19.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	195053	20.25	ug/l	99
67) Ethyl Benzene	11.51	91	844299	19.91	ug/l	99
68) m/p-Xylenes	11.62	106	675241	39.66	ug/l	98
69) o-Xylene	11.95	106	335247	20.21	ug/l	98
70) Styrene	11.96	104	496345	19.45	ug/l	99
71) Bromoform	12.13	173	116361	18.25	ug/l #	99
73) Isopropylbenzene	12.25	105	889060	20.50	ug/l	99
74) N-amyl acetate	12.07	43	142392	19.09	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	182717	20.84	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	142250m	20.89	ug/l	
77) Bromobenzene	12.53	156	223314	20.23	ug/l	100
78) n-propylbenzene	12.59	91	923861	20.46	ug/l	99
79) 2-Chlorotoluene	12.67	91	549265	21.42	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	722550	20.61	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	36775	17.90	ug/l	97
82) 4-Chlorotoluene	12.77	91	537966	20.39	ug/l	98
83) tert-Butylbenzene	12.99	119	662011	20.09	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	719172	20.86	ug/l	99
85) sec-Butylbenzene	13.17	105	860938	20.56	ug/l	99
86) p-Isopropyltoluene	13.29	119	757663	20.87	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	367506	19.76	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	357007	19.53	ug/l	99
89) n-Butylbenzene	13.62	91	538213	20.44	ug/l	99
90) Hexachloroethane	13.87	117	121742	20.05	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	370057	20.54	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24342	20.73	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	130776	17.29	ug/l	100
94) Hexachlorobutadiene	15.01	225	116949	20.50	ug/l	98
95) Naphthalene	15.13	128	255875	16.88	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	141228	18.14	ug/l	100

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

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