

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111518\
 Data File : VN052332.D
 Acq On : 15 Nov 2018 10:23
 Operator : MD\SY
 Sample : VN1115WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/16/2018 4:06:52 PM

Quant Time: Nov 16 03:03:24 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	273992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	450217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	403612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176555	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	190075	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
35) Dibromofluoromethane	7.59	113	149176	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
50) Toluene-d8	10.09	98	571563	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.40	95	188706	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	56424	19.43	ug/l	99
3) Chloromethane	2.06	50	76920	19.06	ug/l	100
4) Vinyl Chloride	2.19	62	63712	18.27	ug/l	99
5) Bromomethane	2.58	94	38380	17.65	ug/l	97
6) Chloroethane	2.71	64	34916	17.71	ug/l	98
7) Trichlorofluoromethane	3.02	101	92712	19.21	ug/l	99
8) Diethyl Ether	3.41	74	33129	18.01	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.77	101	56898	18.67	ug/l	99
10) Methyl Iodide	3.95	142	67741	16.55	ug/l	97
11) Tert butyl alcohol	4.77	59	18212m	89.11	ug/l	
12) 1,1-Dichloroethene	3.74	96	51159	18.14	ug/l	94
13) Acrolein	3.61	56	23118	90.24	ug/l	99
14) Allyl chloride	4.33	41	103883	17.94	ug/l	99
15) Acrylonitrile	4.99	53	105656	90.54	ug/l	99
16) Acetone	3.82	43	96574	90.64	ug/l	94
17) Carbon Disulfide	4.06	76	145269	17.96	ug/l	100
18) Methyl Acetate	4.33	43	53214	18.10	ug/l	96
19) Methyl tert-butyl Ether	5.04	73	148419	18.31	ug/l	95
20) Methylene Chloride	4.55	84	64244	19.39	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	53755	17.70	ug/l	97
22) Diisopropyl ether	5.95	45	222681	18.84	ug/l	96
23) Vinyl Acetate	5.90	43	749497	93.50	ug/l	100
24) 1,1-Dichloroethane	5.85	63	116423	18.37	ug/l	99
25) 2-Butanone	6.83	43	137034	91.37	ug/l	100
26) 2,2-Dichloropropane	6.83	77	85348	18.32	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	63729	18.03	ug/l	97
28) Bromochloromethane	7.20	49	63191	19.40	ug/l	97
29) Tetrahydrofuran	7.21	42	88812	90.14	ug/l	99
30) Chloroform	7.37	83	117129	19.40	ug/l	95
31) Cyclohexane	7.66	56	112080	18.38	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	92947	18.07	ug/l	98
36) 1,1-Dichloropropene	7.79	75	87210	19.33	ug/l	99
37) Ethyl Acetate	6.93	43	61391	18.75	ug/l	98
38) Carbon Tetrachloride	7.78	117	82011	19.78	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	99276	19.27	ug/l	96
40) Benzene	8.04	78	246296	19.11	ug/l	99
41) Methacrylonitrile	7.17	41	31120	19.54	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	87436	19.02	ug/l	100
43) Isopropyl Acetate	8.16	43	111564	17.65	ug/l #	86
44) Trichloroethene	8.83	130	61428	19.34	ug/l	98
45) 1,2-Dichloropropane	9.12	63	70200	19.19	ug/l	96
46) Dibromomethane	9.21	93	38947	18.39	ug/l	97
47) Bromodichloromethane	9.40	83	84553	19.45	ug/l	96
48) Methyl methacrylate	9.20	41	56839	17.73	ug/l	98
49) 1,4-Dioxane	9.20	88	9462	384.39	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	302394	95.06	ug/l	99
52) Toluene	10.16	92	148236	19.22	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	80744	18.42	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	93991	18.81	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	51280	18.34	ug/l	98
56) Ethyl methacrylate	10.43	69	69108	18.80	ug/l	99
57) 1,3-Dichloropropane	10.71	76	94386	19.06	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	210437	100.53	ug/l	98
59) 2-Hexanone	10.75	43	205015	93.70	ug/l	99
60) Dibromochloromethane	10.90	129	55633	18.39	ug/l	100
61) 1,2-Dibromoethane	11.00	107	51322	18.43	ug/l	97
64) Tetrachloroethene	10.63	164	56344	19.64	ug/l	97
65) Chlorobenzene	11.43	112	160504	18.81	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	55851	19.20	ug/l	99
67) Ethyl Benzene	11.51	91	285197	19.26	ug/l	99
68) m/p-Xylenes	11.62	106	210598	38.93	ug/l	99
69) o-Xylene	11.95	106	104999	20.25	ug/l	95
70) Styrene	11.96	104	160961	19.38	ug/l	99
71) Bromoform	12.13	173	30635	17.83	ug/l #	99
73) Isopropylbenzene	12.25	105	277517	19.55	ug/l	98
74) N-amyl acetate	12.07	43	93540	18.50	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	63730	18.57	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	59640m	19.91	ug/l	
77) Bromobenzene	12.53	156	61165	18.52	ug/l	100
78) n-propylbenzene	12.59	91	320761	19.32	ug/l	99
79) 2-Chlorotoluene	12.67	91	188588	19.45	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	226464	20.06	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	15478	16.76	ug/l	92
82) 4-Chlorotoluene	12.77	91	189499	19.07	ug/l	98
83) tert-Butylbenzene	12.99	119	195249	19.59	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	221567	19.55	ug/l	99
85) sec-Butylbenzene	13.17	105	270348	19.91	ug/l	100
86) p-Isopropyltoluene	13.29	119	225416	19.60	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	111560	19.02	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	108885	18.67	ug/l	99
89) n-Butylbenzene	13.61	91	195296	19.77	ug/l	99
90) Hexachloroethane	13.87	117	38445	18.87	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	108440	19.08	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	9352	18.48	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	43120	17.83	ug/l	97
94) Hexachlorobutadiene	15.01	225	25599	19.68	ug/l	98
95) Naphthalene	15.13	128	97294	17.36	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	41044	19.01	ug/l	98

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

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