

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051202.D
 Acq On : 14 Sep 2018 20:55
 Operator : MD\SY
 Sample : VN0914WBSD03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBSD03

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 1:26:25 PM

Quant Time: Sep 15 01:17:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	559760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	810453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	692184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	316362	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	312757	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	7.59	113	307542	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	10.09	98	1094366	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
62) 4-Bromofluorobenzene	12.40	95	330312	43.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	92071	17.06	ug/l	99
3) Chloromethane	2.06	50	123119	17.31	ug/l	99
4) Vinyl Chloride	2.18	62	130614	17.63	ug/l	100
5) Bromomethane	2.57	94	76416	17.64	ug/l	97
6) Chloroethane	2.70	64	80707	17.65	ug/l	97
7) Trichlorofluoromethane	3.02	101	190064	19.36	ug/l	99
8) Diethyl Ether	3.42	74	65856	18.24	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	120920	19.11	ug/l	100
10) Methyl Iodide	3.95	142	87514	18.75	ug/l	100
11) Tert butyl alcohol	4.80	59	33055	69.47	ug/l #	73
12) 1,1-Dichloroethene	3.74	96	107975	18.08	ug/l	98
13) Acrolein	3.61	56	25085	63.28	ug/l	96
14) Allyl chloride	4.33	41	157238	17.28	ug/l	97
15) Acrylonitrile	4.99	53	176056	83.51	ug/l	99
16) Acetone	3.82	43	119447	73.43	ug/l	98
17) Carbon Disulfide	4.05	76	299575	17.10	ug/l	100
18) Methyl Acetate	4.33	43	94121	18.87	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	280593	17.78	ug/l	99
20) Methylene Chloride	4.55	84	124803	18.14	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	115484	17.83	ug/l	97
22) Diisopropyl ether	5.95	45	359057	19.88	ug/l	99
23) Vinyl Acetate	5.90	43	1072094	87.73	ug/l	100
24) 1,1-Dichloroethane	5.85	63	224597	19.60	ug/l	99
25) 2-Butanone	6.84	43	181831	74.24	ug/l	99
26) 2,2-Dichloropropane	6.83	77	155161	16.55	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	131492	18.51	ug/l	99
28) Bromochloromethane	7.20	49	91393	17.92	ug/l	100
29) Tetrahydrofuran	7.21	42	122625	80.18	ug/l	100
30) Chloroform	7.37	83	226958	19.91	ug/l	99
31) Cyclohexane	7.66	56	182884	17.76	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	191879	19.76	ug/l	100
36) 1,1-Dichloropropene	7.80	75	162539	18.27	ug/l	99
37) Ethyl Acetate	6.93	43	84806	16.46	ug/l	96
38) Carbon Tetrachloride	7.78	117	172139	19.66	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	166612	16.97	ug/l	96
40) Benzene	8.04	78	504372	18.81	ug/l	100
41) Methacrylonitrile	7.18	41	44199	16.62	ug/l	94
42) 1,2-Dichloroethane	8.13	62	150504	19.26	ug/l	99
43) Isopropyl Acetate	8.17	43	161337	17.74	ug/l #	86
44) Trichloroethene	8.84	130	133514	18.21	ug/l	98
45) 1,2-Dichloropropane	9.12	63	133023	19.20	ug/l	99
46) Dibromomethane	9.21	93	75099	17.77	ug/l	98
47) Bromodichloromethane	9.40	83	169231	19.69	ug/l	98
48) Methyl methacrylate	9.20	41	71046	16.03	ug/l	97
49) 1,4-Dioxane	9.20	88	20285	291.92	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	409015	81.34	ug/l	99
52) Toluene	10.16	92	304095	18.60	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	146959	17.08	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	181885	18.03	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	109324	18.41	ug/l	97
56) Ethyl methacrylate	10.43	69	116997	16.41	ug/l	99
57) 1,3-Dichloropropane	10.71	76	180307	18.31	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	227022	78.86	ug/l	100
59) 2-Hexanone	10.75	43	242901	71.23	ug/l	98
60) Dibromochloromethane	10.90	129	123535	18.45	ug/l	99
61) 1,2-Dibromoethane	11.01	107	102629	17.68	ug/l	98
64) Tetrachloroethene	10.63	164	122223	19.35	ug/l	99
65) Chlorobenzene	11.43	112	326621	18.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	128307	20.42	ug/l	100
67) Ethyl Benzene	11.51	91	525408	18.59	ug/l	99
68) m/p-Xylenes	11.62	106	413960	38.13	ug/l	100
69) o-Xylene	11.95	106	198479	18.88	ug/l	100
70) Styrene	11.96	104	312749	19.18	ug/l	99
71) Bromoform	12.13	173	82182	18.58	ug/l #	98
73) Isopropylbenzene	12.25	105	520486	19.62	ug/l	99
74) N-amyl acetate	12.07	43	104026	15.58	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	125910	19.72	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	106601m	20.87	ug/l	
77) Bromobenzene	12.53	156	135846	19.06	ug/l	97
78) n-propylbenzene	12.59	91	562780	19.30	ug/l	100
79) 2-Chlorotoluene	12.67	91	354402	19.44	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	427445	19.93	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	26019	15.62	ug/l	96
82) 4-Chlorotoluene	12.77	91	336929	18.62	ug/l	98
83) tert-Butylbenzene	12.99	119	370807	19.58	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	423681	20.09	ug/l	99
85) sec-Butylbenzene	13.17	105	475967	19.60	ug/l	100
86) p-Isopropyltoluene	13.29	119	405073	19.67	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	220478	18.24	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	211095	19.02	ug/l	98
89) n-Butylbenzene	13.62	91	271453	16.94	ug/l	98
90) Hexachloroethane	13.87	117	78242	20.51	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	218042	18.51	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15838	17.90	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	73433	15.85	ug/l	98
94) Hexachlorobutadiene	15.01	225	74213	20.58	ug/l	99
95) Naphthalene	15.13	128	125314	14.75	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	76343	16.16	ug/l	99

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

