

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
 Data File : VN051295.D
 Acq On : 18 Sep 2018 14:11
 Operator : MD\SY
 Sample : VN0918WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/19/2018 2:57:07 PM

Quant Time: Sep 18 15:04:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	536233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	735923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	658909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	296929	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	297410	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
35) Dibromofluoromethane	7.59	113	292364	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.09	98	1077037	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.40	95	324421	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	98486	18.938	ug/l	97
3) Chloromethane	2.06	50	132667	19.395	ug/l	99
4) Vinyl Chloride	2.18	62	136166	19.395	ug/l	100
5) Bromomethane	2.57	94	77558	19.027	ug/l	95
6) Chloroethane	2.70	64	80122	19.130	ug/l	93
7) Trichlorofluoromethane	3.01	101	184854	19.213	ug/l	99
8) Diethyl Ether	3.42	74	60404	19.186	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	111925	18.617	ug/l	99
10) Methyl Iodide	3.95	142	94157	19.761	ug/l	99
11) Tert butyl alcohol	4.80	59	33800	105.323	ug/l #	73
12) 1,1-Dichloroethene	3.74	96	104519	19.249	ug/l	99
13) Acrolein	3.61	56	39470	87.866	ug/l	97
14) Allyl chloride	4.33	41	147860	18.447	ug/l	98
15) Acrylonitrile	4.99	53	174250	103.783	ug/l	100
16) Acetone	3.82	43	124654	91.547	ug/l	99
17) Carbon Disulfide	4.05	76	307535	18.367	ug/l	100
18) Methyl Acetate	4.33	43	84155	20.813	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	259908	19.973	ug/l	100
20) Methylene Chloride	4.55	84	120951	18.962	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	110219	18.517	ug/l	99
22) Diisopropyl ether	5.96	45	323802	20.856	ug/l	98
23) Vinyl Acetate	5.90	43	1011242	100.524	ug/l	100
24) 1,1-Dichloroethane	5.85	63	200668	19.333	ug/l	99
25) 2-Butanone	6.84	43	178896	95.827	ug/l	97
26) 2,2-Dichloropropane	6.83	77	152852	18.107	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	122453	19.257	ug/l	99
28) Bromochloromethane	7.20	49	88587	19.379	ug/l	99
29) Tetrahydrofuran	7.22	42	121413	105.189	ug/l	100
30) Chloroform	7.37	83	208060	19.626	ug/l	100
31) Cyclohexane	7.66	56	173165	18.381	ug/l #	93
32) 1,1,1-Trichloroethane	7.57	97	178933	19.669	ug/l	100
36) 1,1-Dichloropropene	7.80	75	154599	19.407	ug/l	98
37) Ethyl Acetate	6.93	43	81844	19.984	ug/l	99
38) Carbon Tetrachloride	7.78	117	162786	19.597	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	161749	18.691	ug/l	97
40) Benzene	8.04	78	477006	20.125	ug/l	100
41) Methacrylonitrile	7.18	41	35800	17.036	ug/l #	75
42) 1,2-Dichloroethane	8.13	62	140294	20.130	ug/l	99
43) Isopropyl Acetate	8.17	43	147022	20.748	ug/l #	87
44) Trichloroethene	8.84	130	130746	19.623	ug/l	98
45) 1,2-Dichloropropane	9.12	63	121825	20.273	ug/l	98
46) Dibromomethane	9.21	93	73028	19.950	ug/l	99
47) Bromodichloromethane	9.40	83	155784	19.967	ug/l	98
48) Methyl methacrylate	9.20	41	71124	20.841	ug/l	98
49) 1,4-Dioxane	9.20	88	20901	423.316	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	404533	110.637	ug/l	99
52) Toluene	10.16	92	292563	20.620	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	144415	19.698	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	173420	19.805	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	105790	20.852	ug/l	97
56) Ethyl methacrylate	10.43	69	114419	19.060	ug/l	98
57) 1,3-Dichloropropane	10.71	76	174237	21.083	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	245821	91.322	ug/l	99
59) 2-Hexanone	10.75	43	241213	100.196	ug/l	100
60) Dibromochloromethane	10.90	129	120914	20.251	ug/l	99
61) 1,2-Dibromoethane	11.01	107	102263	20.971	ug/l	99
64) Tetrachloroethene	10.63	164	122856	19.640	ug/l	98
65) Chlorobenzene	11.43	112	315818	19.377	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	121990	19.770	ug/l	99
67) Ethyl Benzene	11.51	91	508393	19.574	ug/l	99
68) m/p-Xylenes	11.62	106	407341	40.372	ug/l	100
69) o-Xylene	11.95	106	194191	20.195	ug/l	99
70) Styrene	11.96	104	301828	18.549	ug/l	99
71) Bromoform	12.13	173	81778	19.986	ug/l #	99
73) Isopropylbenzene	12.25	105	503537	20.108	ug/l	100
74) N-amyl acetate	12.07	43	97589	18.986	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	127943	23.015	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	106034m	24.704	ug/l	
77) Bromobenzene	12.53	156	134125	20.893	ug/l	99
78) n-propylbenzene	12.59	91	546518	20.234	ug/l	99
79) 2-Chlorotoluene	12.68	91	339354	19.766	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	416000	20.778	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	26266	19.647	ug/l	97
82) 4-Chlorotoluene	12.77	91	327178	20.032	ug/l	99
83) tert-Butylbenzene	12.99	119	359288	20.307	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	415481	21.370	ug/l	99
85) sec-Butylbenzene	13.17	105	463469	20.629	ug/l	100
86) p-Isopropyltoluene	13.29	119	392795	20.850	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	213464	19.297	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	202785	19.604	ug/l	98
89) n-Butylbenzene	13.62	91	265813	18.505	ug/l	100
90) Hexachloroethane	13.87	117	74911	19.868	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	210219	20.322	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15579	21.423	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	64601	16.633	ug/l	100
94) Hexachlorobutadiene	15.01	225	73380	20.802	ug/l	99
95) Naphthalene	15.13	128	114426	16.779	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	70495	17.587	ug/l	99

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

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