

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051217.D
 Acq On : 15 Sep 2018 12:57
 Operator : MD\SY
 Sample : VN0915WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2018 4:31:32 PM

Quant Time: Sep 17 03:05:56 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	715853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1031268	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	924613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	438956	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	390201	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	7.59	113	380382	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
50) Toluene-d8	10.09	98	1339504	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
62) 4-Bromofluorobenzene	12.40	95	431173	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	129876	18.81	ug/l	98
3) Chloromethane	2.06	50	178910	19.74	ug/l	100
4) Vinyl Chloride	2.18	62	169956	17.94	ug/l	99
5) Bromomethane	2.56	94	100033	18.08	ug/l	98
6) Chloroethane	2.70	64	104247	17.82	ug/l	99
7) Trichlorofluoromethane	3.02	101	232106	18.49	ug/l	99
8) Diethyl Ether	3.41	74	90243	19.54	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	147736	18.25	ug/l	100
10) Methyl Iodide	3.95	142	114026	19.00	ug/l	99
11) Tert butyl alcohol	4.78	59	45310	74.46	ug/l	100
12) 1,1-Dichloroethene	3.74	96	130705	17.12	ug/l	98
13) Acrolein	3.61	56	30836	61.77	ug/l	98
14) Allyl chloride	4.32	41	210561	18.10	ug/l	99
15) Acrylonitrile	4.99	53	248344	92.11	ug/l	99
16) Acetone	3.82	43	175881	85.45	ug/l	99
17) Carbon Disulfide	4.05	76	405964	18.11	ug/l	99
18) Methyl Acetate	4.33	43	113698	17.82	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	384942	19.07	ug/l	99
20) Methylene Chloride	4.55	84	170355	19.36	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	147142	17.77	ug/l	98
22) Diisopropyl ether	5.95	45	477064	20.66	ug/l	97
23) Vinyl Acetate	5.90	43	1527768	97.76	ug/l	100
24) 1,1-Dichloroethane	5.85	63	279803	19.10	ug/l	98
25) 2-Butanone	6.84	43	262235	83.72	ug/l	100
26) 2,2-Dichloropropane	6.82	77	215158	17.94	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	173897	19.14	ug/l	99
28) Bromochloromethane	7.19	49	117425	18.01	ug/l	99
29) Tetrahydrofuran	7.22	42	175839	89.90	ug/l	99
30) Chloroform	7.37	83	289936	19.89	ug/l	99
31) Cyclohexane	7.65	56	233175	17.70	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	234413	18.87	ug/l	99
36) 1,1-Dichloropropene	7.79	75	202530	17.89	ug/l	99
37) Ethyl Acetate	6.93	43	122049	18.61	ug/l	99
38) Carbon Tetrachloride	7.77	117	206580	18.54	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	220727	17.67	ug/l	98
40) Benzene	8.04	78	652272	19.12	ug/l	98
41) Methacrylonitrile	7.18	41	62943	18.60	ug/l	93
42) 1,2-Dichloroethane	8.12	62	201015	20.21	ug/l	99
43) Isopropyl Acetate	8.17	43	215159	18.60	ug/l #	89
44) Trichloroethene	8.84	130	172064	18.44	ug/l	99
45) 1,2-Dichloropropane	9.12	63	174974	19.85	ug/l	96
46) Dibromomethane	9.21	93	104828	19.49	ug/l	99
47) Bromodichloromethane	9.40	83	221158	20.22	ug/l	100
48) Methyl methacrylate	9.20	41	102153	18.12	ug/l	97
49) 1,4-Dioxane	9.20	88	29712	336.03	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	584004	91.27	ug/l	100
52) Toluene	10.16	92	402764	19.36	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	213750	19.53	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	254108	19.80	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	149729	19.81	ug/l	99
56) Ethyl methacrylate	10.43	69	173447	18.72	ug/l	99
57) 1,3-Dichloropropane	10.71	76	246672	19.69	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	325543	86.93	ug/l	100
59) 2-Hexanone	10.75	43	362084	83.44	ug/l	98
60) Dibromochloromethane	10.90	129	170316	19.99	ug/l	98
61) 1,2-Dibromoethane	11.01	107	145347	19.67	ug/l	99
64) Tetrachloroethene	10.63	164	157594	18.68	ug/l	98
65) Chlorobenzene	11.43	112	442381	18.98	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	167279	19.93	ug/l	98
67) Ethyl Benzene	11.51	91	703989	18.65	ug/l	99
68) m/p-Xylenes	11.62	106	565835	39.02	ug/l	99
69) o-Xylene	11.95	106	275006	19.58	ug/l	99
70) Styrene	11.96	104	431006	19.79	ug/l	99
71) Bromoform	12.13	173	115675	19.58	ug/l #	100
73) Isopropylbenzene	12.25	105	694155	18.86	ug/l	100
74) N-amyl acetate	12.07	43	155277	16.76	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	176275	19.91	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	140416m	19.73	ug/l	
77) Bromobenzene	12.53	156	185742	18.79	ug/l	98
78) n-propylbenzene	12.59	91	765489	18.92	ug/l	99
79) 2-Chlorotoluene	12.67	91	473473	18.72	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	577194	19.39	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	40033	17.32	ug/l	96
82) 4-Chlorotoluene	12.77	91	459535	18.30	ug/l	99
83) tert-Butylbenzene	12.99	119	484915	18.46	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	574465	19.63	ug/l	99
85) sec-Butylbenzene	13.17	105	629692	18.69	ug/l	100
86) p-Isopropyltoluene	13.29	119	549795	19.24	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	298331	17.78	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	287990	18.71	ug/l	99
89) n-Butylbenzene	13.62	91	390903	17.58	ug/l	99
90) Hexachloroethane	13.87	117	101517	19.13	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	291175	17.81	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21832	17.79	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	100538	15.70	ug/l	98
94) Hexachlorobutadiene	15.01	225	96580	19.19	ug/l	99
95) Naphthalene	15.13	128	175995	14.86	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	104054	15.92	ug/l	99

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

