

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050677.D
 Acq On : 16 Aug 2018 1:32
 Operator : MD\SY
 Sample : VN0815WBSD03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBSD03

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 1:19:17 PM

Quant Time: Aug 16 05:10:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	619162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	920579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	822395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	404747	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	404045	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	7.59	113	373511	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.09	98	1383873	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.40	95	435685	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	133480	19.12	ug/l	98
3) Chloromethane	2.06	50	175430	20.33	ug/l	100
4) Vinyl Chloride	2.18	62	180806	19.50	ug/l	99
5) Bromomethane	2.56	94	104431	19.69	ug/l	98
6) Chloroethane	2.70	64	109788	20.37	ug/l	98
7) Trichlorofluoromethane	3.01	101	240043	19.73	ug/l	98
8) Diethyl Ether	3.41	74	83787	20.70	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	144556	19.65	ug/l	98
10) Methyl Iodide	3.95	142	91773	22.06	ug/l	99
11) Tert butyl alcohol	4.80	59	49623	116.44	ug/l #	91
12) 1,1-Dichloroethene	3.74	96	132613	19.74	ug/l	98
13) Acrolein	3.61	56	13659	77.19	ug/l	99
14) Allyl chloride	4.32	41	199014	19.04	ug/l	99
15) Acrylonitrile	5.00	53	251153	107.31	ug/l	99
16) Acetone	3.82	43	222162	113.21	ug/l	100
17) Carbon Disulfide	4.05	76	410061	19.40	ug/l	100
18) Methyl Acetate	4.33	43	127661	22.75	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	368205	21.53	ug/l	99
20) Methylene Chloride	4.55	84	159918	20.82	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	146489	20.11	ug/l	97
22) Diisopropyl ether	5.96	45	462643	21.59	ug/l	97
23) Vinyl Acetate	5.90	43	1502006	107.17	ug/l	99
24) 1,1-Dichloroethane	5.85	63	278627	20.10	ug/l	100
25) 2-Butanone	6.84	43	348293	108.84	ug/l	99
26) 2,2-Dichloropropane	6.83	77	147567	15.90	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	160127	19.74	ug/l	99
28) Bromochloromethane	7.20	49	131915	20.91	ug/l	100
29) Tetrahydrofuran	7.22	42	192467	115.19	ug/l	99
30) Chloroform	7.37	83	280628	19.97	ug/l	99
31) Cyclohexane	7.66	56	234967	19.65	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	238676	20.18	ug/l	99
36) 1,1-Dichloropropene	7.80	75	205620	20.07	ug/l	99
37) Ethyl Acetate	6.93	43	137374	23.72	ug/l	100
38) Carbon Tetrachloride	7.78	117	211390	19.88	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	212273	20.01	ug/l	97
40) Benzene	8.04	78	640066	20.53	ug/l	100
41) Methacrylonitrile	7.17	41	65233	20.83	ug/l	97
42) 1,2-Dichloroethane	8.13	62	195381	20.45	ug/l	99
43) Isopropyl Acetate	8.17	43	221023	20.94	ug/l	98
44) Trichloroethene	8.84	130	164552	19.70	ug/l	99
45) 1,2-Dichloropropane	9.12	63	168018	20.24	ug/l	99
46) Dibromomethane	9.21	93	97853	19.97	ug/l	99
47) Bromodichloromethane	9.40	83	209407	19.99	ug/l	99
48) Methyl methacrylate	9.20	41	105269	19.82	ug/l	96
49) 1,4-Dioxane	9.20	88	30467	435.39	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	807124	113.05	ug/l	99
52) Toluene	10.16	92	379190	20.37	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	189136	19.39	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	222867	19.91	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	143596	20.65	ug/l	98
56) Ethyl methacrylate	10.43	69	164803	19.77	ug/l	99
57) 1,3-Dichloropropane	10.71	76	236958	20.79	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	388608	98.06	ug/l	99
59) 2-Hexanone	10.75	43	513116	111.35	ug/l	100
60) Dibromochloromethane	10.90	129	157216	20.49	ug/l	99
61) 1,2-Dibromoethane	11.01	107	138230	20.87	ug/l	99
64) Tetrachloroethene	10.63	164	157938	20.68	ug/l	99
65) Chlorobenzene	11.44	112	408214	19.94	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	153993	20.07	ug/l	99
67) Ethyl Benzene	11.51	91	678388	20.53	ug/l	100
68) m/p-Xylenes	11.62	106	528047	41.78	ug/l	100
69) o-Xylene	11.95	106	251717	20.89	ug/l	100
70) Styrene	11.96	104	410276	19.72	ug/l	100
71) Bromoform	12.13	173	103788	20.40	ug/l #	99
73) Isopropylbenzene	12.25	105	658963	20.84	ug/l	100
74) N-amyl acetate	12.07	43	177364	21.56	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	175358	22.61	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	140888m	20.95	ug/l	
77) Bromobenzene	12.53	156	174208	20.29	ug/l	99
78) n-propylbenzene	12.59	91	743214	21.08	ug/l	99
79) 2-Chlorotoluene	12.68	91	453846	20.64	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	548958	21.68	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	35064	19.26	ug/l	98
82) 4-Chlorotoluene	12.77	91	459160	21.13	ug/l	99
83) tert-Butylbenzene	12.99	119	464462	21.13	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	550869	21.68	ug/l	100
85) sec-Butylbenzene	13.17	105	611604	21.29	ug/l	100
86) p-Isopropyltoluene	13.29	119	511873	21.03	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	298050	20.39	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	285735	19.70	ug/l	99
89) n-Butylbenzene	13.62	91	387726	19.73	ug/l	99
90) Hexachloroethane	13.88	117	96535	19.73	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	294852	20.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24659	21.86	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	124082	18.72	ug/l	98
94) Hexachlorobutadiene	15.01	225	86088	19.69	ug/l	99
95) Naphthalene	15.14	128	253580	18.89	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	128550	20.02	ug/l	98

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

