

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021319\
 Data File : VN053759.D
 Acq On : 13 Feb 2019 17:02
 Operator : JC/SP
 Sample : VN0213WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0213WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/14/2019 10:39:13 AM

Quant Time: Feb 14 01:14:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	605044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	945912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	819137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	378375	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	336912	55.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.02%	
35) Dibromofluoromethane	7.59	113	319729	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
50) Toluene-d8	10.09	98	1147964	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.40	95	377934	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	117661	17.471	ug/l	100
3) Chloromethane	2.06	50	135591	18.876	ug/l	99
4) Vinyl Chloride	2.19	62	145265	20.833	ug/l	100
5) Bromomethane	2.57	94	102691	22.524	ug/l	97
6) Chloroethane	2.71	64	93770	23.533	ug/l	100
7) Trichlorofluoromethane	3.02	101	202455	21.411	ug/l	98
8) Diethyl Ether	3.41	74	76933	22.278	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	117672	20.122	ug/l	96
10) Methyl Iodide	3.96	142	174916	19.057	ug/l	100
11) Tert butyl alcohol	4.78	59	40541	112.857	ug/l #	89
12) 1,1-Dichloroethene	3.74	96	116308	20.759	ug/l	98
13) Acrolein	3.61	56	18572	94.958	ug/l	95
14) Allyl chloride	4.33	41	170915	19.159	ug/l	99
15) Acrylonitrile	4.99	53	220304	113.602	ug/l	99
16) Acetone	3.82	43	157087	100.897	ug/l	98
17) Carbon Disulfide	4.06	76	299925	17.192	ug/l	98
18) Methyl Acetate	4.32	43	116683	25.306	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	306280	21.564	ug/l	99
20) Methylene Chloride	4.55	84	129054	19.758	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	114638	18.965	ug/l	96
22) Diisopropyl ether	5.95	45	340778	20.616	ug/l	95
23) Vinyl Acetate	5.90	43	1180761	103.258	ug/l	99
24) 1,1-Dichloroethane	5.85	63	220090	19.962	ug/l	99
25) 2-Butanone	6.83	43	232222	104.581	ug/l	99
26) 2,2-Dichloropropane	6.82	77	146708	17.432	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	136618	20.326	ug/l	97
28) Bromochloromethane	7.20	49	102032	21.326	ug/l	95
29) Tetrahydrofuran	7.21	42	159448	111.827	ug/l	96
30) Chloroform	7.37	83	223589	20.458	ug/l	97
31) Cyclohexane	7.65	56	183864	17.803	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	185225	20.365	ug/l	98
36) 1,1-Dichloropropene	7.80	75	157478	18.469	ug/l	98
37) Ethyl Acetate	6.93	43	108941	22.876	ug/l	99
38) Carbon Tetrachloride	7.78	117	160642	18.701	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	167462	16.554	ug/l	100
40) Benzene	8.04	78	503304	19.141	ug/l	99
41) Methacrylonitrile	7.17	41	39803m	14.954	ug/l	
42) 1,2-Dichloroethane	8.12	62	153120	19.612	ug/l	98
43) Isopropyl Acetate	8.17	43	194817	21.183	ug/l	97
44) Trichloroethene	8.84	130	132992	17.766	ug/l	98
45) 1,2-Dichloropropane	9.12	63	132674	19.727	ug/l	97
46) Dibromomethane	9.21	93	80745	19.916	ug/l	97
47) Bromodichloromethane	9.40	83	166363	19.736	ug/l	97
48) Methyl methacrylate	9.20	41	85675	19.516	ug/l	92
49) 1,4-Dioxane	9.20	88	25747	428.022	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	491687	108.795	ug/l	99
52) Toluene	10.16	92	303585	19.454	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	158853	18.820	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	188457	18.841	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	118130	21.007	ug/l	99
56) Ethyl methacrylate	10.43	69	135314	20.341	ug/l	99
57) 1,3-Dichloropropane	10.71	76	194034	20.189	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	320554	83.217	ug/l	98
59) 2-Hexanone	10.75	43	308865	100.670	ug/l	99
60) Dibromochloromethane	10.90	129	129313	20.392	ug/l	99
61) 1,2-Dibromoethane	11.01	107	112447	20.203	ug/l	100
64) Tetrachloroethene	10.63	164	134402	19.141	ug/l	98
65) Chlorobenzene	11.44	112	335607	19.288	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	123073	20.254	ug/l	99
67) Ethyl Benzene	11.51	91	543434	19.013	ug/l	99
68) m/p-Xylenes	11.62	106	424704	38.933	ug/l	100
69) o-Xylene	11.95	106	207068	19.648	ug/l	99
70) Styrene	11.96	104	335075	19.616	ug/l	99
71) Bromoform	12.13	173	88494	21.242	ug/l #	100
73) Isopropylbenzene	12.25	105	549710	20.666	ug/l	100
74) N-amyl acetate	12.07	43	137275	21.462	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	138124	21.698	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	115103m	23.684	ug/l	
77) Bromobenzene	12.53	156	147362	20.556	ug/l	97
78) n-propylbenzene	12.59	91	614634	19.989	ug/l	100
79) 2-Chlorotoluene	12.67	91	371312	20.354	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	460244	20.866	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	34117	19.740	ug/l	98
82) 4-Chlorotoluene	12.77	91	373261	19.940	ug/l	99
83) tert-Butylbenzene	12.99	119	416118	21.345	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	465297	20.705	ug/l	99
85) sec-Butylbenzene	13.17	105	554951	20.919	ug/l	99
86) p-Isopropyltoluene	13.29	119	472572	20.368	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	248526	19.285	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	243826	19.127	ug/l	100
89) n-Butylbenzene	13.62	91	375017	18.674	ug/l	99
90) Hexachloroethane	13.87	117	81454	21.284	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	249924	20.258	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20518	22.616	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	120647	17.051	ug/l	99
94) Hexachlorobutadiene	15.01	225	89898	20.401	ug/l	100
95) Naphthalene	15.13	128	256649	16.641	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	124254	18.926	ug/l	99

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

