

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN013019\
 Data File : VN053570.D
 Acq On : 30 Jan 2019 14:34
 Operator : JC/SP
 Sample : VN0130WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/1/2019 9:18:54 AM

Quant Time: Jan 31 06:31:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 31 05:27:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	703692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1093408	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	956311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	448183	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	362572	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
35) Dibromofluoromethane	7.59	113	343850	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.09	98	1278924	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.40	95	421891	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.85	85	165949	21.115	ug/l	98
3) Chloromethane	2.06	50	178342	21.347	ug/l	99
4) Vinyl Chloride	2.19	62	171845	21.190	ug/l	100
5) Bromomethane	2.57	94	111461	21.020	ug/l	97
6) Chloroethane	2.71	64	96269	20.773	ug/l	98
7) Trichlorofluoromethane	3.02	101	227066	20.647	ug/l	100
8) Diethyl Ether	3.41	74	84244	20.975	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	139604	20.526	ug/l	99
10) Methyl Iodide	3.96	142	207665	19.453	ug/l	100
11) Tert butyl alcohol	4.79	59	47680	114.124	ug/l	98
12) 1,1-Dichloroethene	3.74	96	136479	20.944	ug/l	98
13) Acrolein	3.61	56	33262	209.394	ug/l	100
14) Allyl chloride	4.33	41	214761	20.699	ug/l	99
15) Acrylonitrile	4.99	53	252801	112.084	ug/l	99
16) Acetone	3.82	43	195725	108.090	ug/l	100
17) Carbon Disulfide	4.06	76	405924	20.006	ug/l	99
18) Methyl Acetate	4.33	43	113150	21.100	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	358097	21.678	ug/l	98
20) Methylene Chloride	4.55	84	154043	20.277	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	143510	20.413	ug/l	97
22) Diisopropyl ether	5.96	45	410169	21.335	ug/l	97
23) Vinyl Acetate	5.90	43	1467416	110.337	ug/l	98
24) 1,1-Dichloroethane	5.85	63	263126	20.520	ug/l	100
25) 2-Butanone	6.84	43	280824	108.740	ug/l	99
26) 2,2-Dichloropropane	6.82	77	193202	19.738	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	163285	20.887	ug/l	98
28) Bromochloromethane	7.20	49	108806	19.553	ug/l	96
29) Tetrahydrofuran	7.21	42	188551	113.700	ug/l	97
30) Chloroform	7.37	83	259709	20.432	ug/l	99
31) Cyclohexane	7.66	56	242666	20.225	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	216868	20.501	ug/l	99
36) 1,1-Dichloropropene	7.79	75	201922	20.486	ug/l	99
37) Ethyl Acetate	6.93	43	125997	22.888	ug/l	98
38) Carbon Tetrachloride	7.78	117	192037	19.341	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	229924	19.662	ug/l	99
40) Benzene	8.04	78	612301	20.145	ug/l	99
41) Methacrylonitrile	7.17	41	60455	19.650	ug/l #	84
42) 1,2-Dichloroethane	8.13	62	178070	19.731	ug/l	98
43) Isopropyl Acetate	8.17	43	223534	21.027	ug/l #	86
44) Trichloroethene	8.84	130	163225	18.863	ug/l	98
45) 1,2-Dichloropropane	9.12	63	158650	20.407	ug/l	100
46) Dibromomethane	9.21	93	94779	20.224	ug/l	98
47) Bromodichloromethane	9.40	83	192670	19.773	ug/l	98
48) Methyl methacrylate	9.20	41	98655	19.441	ug/l	91
49) 1,4-Dioxane	9.20	88	30333	435.487	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	587647	112.488	ug/l	99
52) Toluene	10.16	92	366924	20.341	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	191391	19.616	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	227985	19.719	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	137965	21.225	ug/l	99
56) Ethyl methacrylate	10.43	69	161163	20.958	ug/l	99
57) 1,3-Dichloropropane	10.71	76	227946	20.519	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	452648	99.883	ug/l	99
59) 2-Hexanone	10.75	43	373947	105.441	ug/l	99
60) Dibromochloromethane	10.90	129	148895	20.313	ug/l	100
61) 1,2-Dibromoethane	11.01	107	128387	19.955	ug/l	99
64) Tetrachloroethene	10.63	164	159097	19.408	ug/l	98
65) Chlorobenzene	11.44	112	395489	19.470	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	140242	19.769	ug/l	100
67) Ethyl Benzene	11.51	91	662358	19.850	ug/l	98
68) m/p-Xylenes	11.62	106	519504	40.792	ug/l	99
69) o-Xylene	11.95	106	250878	20.391	ug/l	98
70) Styrene	11.97	104	406976	20.408	ug/l	99
71) Bromoform	12.13	173	101821	20.935	ug/l #	97
73) Isopropylbenzene	12.25	105	646977	20.535	ug/l	100
74) N-amyl acetate	12.07	43	161378	21.300	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	158708	21.048	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	133842m	23.250	ug/l	
77) Bromobenzene	12.53	156	172948	20.368	ug/l	99
78) n-propylbenzene	12.59	91	744914	20.452	ug/l	100
79) 2-Chlorotoluene	12.68	91	445287	20.607	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	553704	21.193	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	42114	20.571	ug/l	99
82) 4-Chlorotoluene	12.77	91	453548	20.455	ug/l	99
83) tert-Butylbenzene	12.99	119	478734	20.732	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	559730	21.028	ug/l	99
85) sec-Butylbenzene	13.17	105	654113	20.816	ug/l	100
86) p-Isopropyltoluene	13.29	119	568141	20.673	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	304035	19.918	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	296568	19.641	ug/l	99
89) n-Butylbenzene	13.62	91	471611	19.826	ug/l	99
90) Hexachloroethane	13.88	117	89280	19.695	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	299098	20.468	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23069	21.467	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	170717	20.369	ug/l	100
94) Hexachlorobutadiene	15.01	225	104920	20.102	ug/l	99
95) Naphthalene	15.13	128	376036	20.173	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	164030	21.093	ug/l	99

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

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