

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043019\
 Data File : VN055307.D
 Acq On : 30 Apr 2019 14:45
 Operator : JC/SP
 Sample : VN0430WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/1/2019 3:01:21 PM

Quant Time: May 01 09:03:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	367352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	611086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	526962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	198117	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	251816	52.40	ug/l	0.00
Spiked Amount						
			Recovery	=	104.80%	
35) Dibromofluoromethane	7.59	113	199957	49.85	ug/l	0.00
Spiked Amount						
			Recovery	=	99.70%	
50) Toluene-d8	10.09	98	716895	49.50	ug/l	0.00
Spiked Amount						
			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	12.40	95	228954	50.58	ug/l	0.00
Spiked Amount						
			Recovery	=	101.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	93668	20.811	ug/l	99
3) Chloromethane	2.06	50	111219	19.956	ug/l	99
4) Vinyl Chloride	2.19	62	90157	20.068	ug/l	99
5) Bromomethane	2.56	94	48289	20.293	ug/l	98
6) Chloroethane	2.70	64	47712	19.605	ug/l	99
7) Trichlorofluoromethane	3.02	101	127673	19.986	ug/l	99
8) Diethyl Ether	3.41	74	47677	21.332	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	74471	19.577	ug/l	99
10) Methyl Iodide	3.95	142	105292	19.668	ug/l	99
11) Tert butyl alcohol	4.78	59	32715	118.901	ug/l	99
12) 1,1-Dichloroethene	3.74	96	72830	20.070	ug/l	98
13) Acrolein	3.61	56	20905	97.288	ug/l	96
14) Allyl chloride	4.33	41	150151	19.978	ug/l	98
15) Acrylonitrile	4.99	53	172706	111.671	ug/l	99
16) Acetone	3.82	43	138672	92.607	ug/l	98
17) Carbon Disulfide	4.05	76	182644	19.286	ug/l	99
18) Methyl Acetate	4.33	43	88428	23.697	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	220235	21.588	ug/l	99
20) Methylene Chloride	4.55	84	90924	19.893	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	77939	20.280	ug/l	94
22) Diisopropyl ether	5.96	45	317281	21.247	ug/l	99
23) Vinyl Acetate	5.90	43	1078267	110.174	ug/l	99
24) 1,1-Dichloroethane	5.85	63	162527	20.427	ug/l	99
25) 2-Butanone	6.84	43	207566	108.389	ug/l	100
26) 2,2-Dichloropropane	6.83	77	103991	18.927	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	91101	20.845	ug/l	99
28) Bromochloromethane	7.19	49	83167	20.737	ug/l	96
29) Tetrahydrofuran	7.21	42	142327	116.068	ug/l	99
30) Chloroform	7.37	83	156953	20.810	ug/l	98
31) Cyclohexane	7.65	56	149774	19.813	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	125375	20.482	ug/l	99
36) 1,1-Dichloropropene	7.79	75	112035	19.141	ug/l	98
37) Ethyl Acetate	6.93	43	92126	20.536	ug/l	98
38) Carbon Tetrachloride	7.77	117	105131	18.619	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	116863	18.778	ug/l	98
40) Benzene	8.04	78	338657	19.627	ug/l	99
41) Methacrylonitrile	7.18	41	50014	21.035	ug/l	95
42) 1,2-Dichloroethane	8.12	62	122079	19.976	ug/l	99
43) Isopropyl Acetate	8.17	43	164760	22.854	ug/l #	85
44) Trichloroethene	8.84	130	85836	19.514	ug/l	98
45) 1,2-Dichloropropane	9.12	63	96396	19.370	ug/l	97
46) Dibromomethane	9.21	93	55154	20.275	ug/l	99
47) Bromodichloromethane	9.40	83	115287	19.755	ug/l	99
48) Methyl methacrylate	9.20	41	73005	20.599	ug/l	98
49) 1,4-Dioxane	9.20	88	17058	465.599	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	442275	108.963	ug/l	100
52) Toluene	10.16	92	198366	20.036	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	102529	20.238	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	128672	20.371	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	76287	20.750	ug/l	98
56) Ethyl methacrylate	10.43	69	96447	21.314	ug/l	97
57) 1,3-Dichloropropane	10.71	76	131625	20.409	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	142986	109.169	ug/l	100
59) 2-Hexanone	10.75	43	282838	111.370	ug/l	98
60) Dibromochloromethane	10.90	129	75991	20.224	ug/l	98
61) 1,2-Dibromoethane	11.00	107	70201	20.659	ug/l	98
64) Tetrachloroethene	10.63	164	81601	18.936	ug/l	96
65) Chlorobenzene	11.43	112	199901	19.403	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	76420	18.943	ug/l	100
67) Ethyl Benzene	11.51	91	366825	19.717	ug/l	99
68) m/p-Xylenes	11.62	106	264324	39.803	ug/l	99
69) o-Xylene	11.95	106	132634	20.150	ug/l	100
70) Styrene	11.96	104	212180	20.995	ug/l	100
71) Bromoform	12.13	173	46818	20.914	ug/l #	99
73) Isopropylbenzene	12.25	105	350696	20.373	ug/l	99
74) N-amyl acetate	12.07	43	109412	21.519	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	93908	22.152	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	94354m	24.330	ug/l	
77) Bromobenzene	12.53	156	81486	20.248	ug/l	97
78) n-propylbenzene	12.59	91	377947	18.572	ug/l	100
79) 2-Chlorotoluene	12.67	91	240357	20.833	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	288512	18.576	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	19627	18.774	ug/l	87
82) 4-Chlorotoluene	12.77	91	224241	18.951	ug/l	100
83) tert-Butylbenzene	12.99	119	250965	21.149	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	271696	19.559	ug/l	99
85) sec-Butylbenzene	13.17	105	314711	18.642	ug/l	100
86) p-Isopropyltoluene	13.29	119	265359	19.125	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	129470	19.529	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	122162	19.567	ug/l	100
89) n-Butylbenzene	13.61	91	185604	18.825	ug/l	98
90) Hexachloroethane	13.87	117	44388	19.235	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	131089	19.951	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12073	23.163	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	39248	17.459	ug/l	96
94) Hexachlorobutadiene	15.01	225	46134	21.752	ug/l	99
95) Naphthalene	15.13	128	86020	17.909	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	41176	17.910	ug/l	99

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

