

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\
 Data File : VN053437.D
 Acq On : 17 Jan 2019 16:26
 Operator : JC/SP
 Sample : VN0117WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 1:17:44 PM

Quant Time: Jan 18 00:31:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	819619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1243875	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1115793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	524975	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	410926	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	7.59	113	362440	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	10.09	98	1477254	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.40	95	508306	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	131893	20.015	ug/l	99
3) Chloromethane	2.06	50	181647	19.280	ug/l	100
4) Vinyl Chloride	2.19	62	176392	19.422	ug/l	100
5) Bromomethane	2.58	94	121505	19.498	ug/l	96
6) Chloroethane	2.71	64	106686	19.429	ug/l	97
7) Trichlorofluoromethane	3.03	101	242017	20.373	ug/l	99
8) Diethyl Ether	3.41	74	93510	20.958	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	154441	20.528	ug/l	99
10) Methyl Iodide	3.96	142	227369	19.777	ug/l	100
11) Tert butyl alcohol	4.78	59	47937	120.929	ug/l #	86
12) 1,1-Dichloroethene	3.74	96	145373	19.922	ug/l	97
13) Acrolein	3.61	56	64596	98.652	ug/l	99
14) Allyl chloride	4.33	41	242650	20.472	ug/l	98
15) Acrylonitrile	4.99	53	287832	110.332	ug/l	99
16) Acetone	3.82	43	203499	107.067	ug/l	99
17) Carbon Disulfide	4.06	76	430337	19.501	ug/l	99
18) Methyl Acetate	4.33	43	136360	21.294	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	417053	21.510	ug/l	99
20) Methylene Chloride	4.55	84	174742	20.137	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	160099	20.522	ug/l	98
22) Diisopropyl ether	5.95	45	527130	21.303	ug/l	96
23) Vinyl Acetate	5.90	43	1635657	107.534	ug/l	100
24) 1,1-Dichloroethane	5.85	63	306052	20.923	ug/l	99
25) 2-Butanone	6.84	43	324297	110.721	ug/l	99
26) 2,2-Dichloropropane	6.83	77	226210	20.482	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	184760	20.710	ug/l	99
28) Bromochloromethane	7.19	49	133016	20.641	ug/l	99
29) Tetrahydrofuran	7.21	42	214836	112.671	ug/l	99
30) Chloroform	7.37	83	302896	21.253	ug/l	99
31) Cyclohexane	7.66	56	284625	19.859	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	251948	20.840	ug/l	99
36) 1,1-Dichloropropene	7.79	75	232069	20.486	ug/l	99
37) Ethyl Acetate	6.93	43	143974	22.091	ug/l	99
38) Carbon Tetrachloride	7.78	117	217668	20.296	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	272841	19.487	ug/l	99
40) Benzene	8.04	78	706355	20.519	ug/l	100
41) Methacrylonitrile	7.17	41	79733	20.981	ug/l	94
42) 1,2-Dichloroethane	8.12	62	207062	20.647	ug/l	99
43) Isopropyl Acetate	8.16	43	261642	22.326	ug/l #	89
44) Trichloroethene	8.84	130	193322	20.251	ug/l	100
45) 1,2-Dichloropropane	9.12	63	185327	20.326	ug/l	98
46) Dibromomethane	9.21	93	108407	20.694	ug/l	99
47) Bromodichloromethane	9.40	83	225310	20.452	ug/l	98
48) Methyl methacrylate	9.20	41	125286	20.706	ug/l	97
49) 1,4-Dioxane	9.20	88	28789	487.174	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	707600	110.608	ug/l	100
52) Toluene	10.16	92	431240	20.179	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	227308	20.356	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	270909	20.696	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	156289	21.212	ug/l	100
56) Ethyl methacrylate	10.43	69	201763	20.559	ug/l	99
57) 1,3-Dichloropropane	10.71	76	267955	21.023	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	538260	104.424	ug/l	100
59) 2-Hexanone	10.75	43	492221	109.605	ug/l	100
60) Dibromochloromethane	10.90	129	170038	20.347	ug/l	98
61) 1,2-Dibromoethane	11.01	107	157392	21.122	ug/l	99
64) Tetrachloroethene	10.63	164	212451	20.204	ug/l	99
65) Chlorobenzene	11.43	112	482731	20.439	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	169802	20.667	ug/l	99
67) Ethyl Benzene	11.51	91	815636	20.264	ug/l	100
68) m/p-Xylenes	11.62	106	626137	41.202	ug/l	99
69) o-Xylene	11.95	106	305235	20.671	ug/l	99
70) Styrene	11.96	104	502625	20.973	ug/l	100
71) Bromoform	12.13	173	120654	21.331	ug/l #	99
73) Isopropylbenzene	12.25	105	804220	20.919	ug/l	100
74) N-amyl acetate	12.07	43	224326	21.889	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	178263	22.109	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	157944m	22.830	ug/l	
77) Bromobenzene	12.53	156	210841	20.813	ug/l	98
78) n-propylbenzene	12.59	91	922745	20.910	ug/l	99
79) 2-Chlorotoluene	12.67	91	543998	20.797	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	659774	21.093	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	52692	20.832	ug/l	96
82) 4-Chlorotoluene	12.77	91	557944	20.916	ug/l	99
83) tert-Butylbenzene	12.99	119	578884	20.954	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	666567	21.135	ug/l	100
85) sec-Butylbenzene	13.17	105	786247	20.752	ug/l	99
86) p-Isopropyltoluene	13.29	119	681651	20.720	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	369650	20.744	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	364006	20.365	ug/l	99
89) n-Butylbenzene	13.62	91	562668	20.065	ug/l	100
90) Hexachloroethane	13.88	117	104266	20.208	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	353590	21.569	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24155	23.627	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	149786	22.328	ug/l	100
94) Hexachlorobutadiene	15.01	225	113182	22.132	ug/l	100
95) Naphthalene	15.13	128	255699	22.500	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	115019	23.938	ug/l	99

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

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