

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011619\
 Data File : VN053415.D
 Acq On : 16 Jan 2019 10:48
 Operator : JC/SP
 Sample : VN0116WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/17/2019 9:41:17 AM

Quant Time: Jan 17 04:05:12 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	774849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1159945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1044131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	518630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	395509	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	7.59	113	349617	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
50) Toluene-d8	10.09	98	1414103	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.40	95	489797	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	127804	20.515	ug/l	99
3) Chloromethane	2.06	50	178961	20.092	ug/l	98
4) Vinyl Chloride	2.19	62	173780	20.240	ug/l	99
5) Bromomethane	2.57	94	118186	20.061	ug/l	96
6) Chloroethane	2.71	64	104368	20.105	ug/l	96
7) Trichlorofluoromethane	3.02	101	235933	21.008	ug/l	100
8) Diethyl Ether	3.41	74	90578	21.474	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.77	101	148615	20.895	ug/l	100
10) Methyl Iodide	3.96	142	215440	19.822	ug/l	100
11) Tert butyl alcohol	4.77	59	43912	117.176	ug/l	100
12) 1,1-Dichloroethene	3.74	96	141941	20.575	ug/l	98
13) Acrolein	3.61	56	61500	99.190	ug/l	99
14) Allyl chloride	4.33	41	236828	21.135	ug/l	99
15) Acrylonitrile	4.99	53	274116	111.145	ug/l	99
16) Acetone	3.82	43	185614	103.299	ug/l	98
17) Carbon Disulfide	4.06	76	414966	19.891	ug/l	100
18) Methyl Acetate	4.32	43	131165	21.666	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	397202	21.670	ug/l	99
20) Methylene Chloride	4.55	84	166848	20.338	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	152895	20.731	ug/l	99
22) Diisopropyl ether	5.95	45	499877	21.369	ug/l	100
23) Vinyl Acetate	5.90	43	1580153	109.887	ug/l	100
24) 1,1-Dichloroethane	5.85	63	288006	20.826	ug/l	99
25) 2-Butanone	6.83	43	309573	111.801	ug/l	99
26) 2,2-Dichloropropane	6.83	77	216970	20.780	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	177768	21.078	ug/l	99
28) Bromochloromethane	7.19	49	117678	19.316	ug/l	99
29) Tetrahydrofuran	7.21	42	203466	112.873	ug/l	99
30) Chloroform	7.37	83	287179	21.314	ug/l	95
31) Cyclohexane	7.65	56	279625	20.646	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	238460	20.864	ug/l	99
36) 1,1-Dichloropropene	7.79	75	216528	20.497	ug/l	99
37) Ethyl Acetate	6.93	43	136924	22.529	ug/l	99
38) Carbon Tetrachloride	7.78	117	204571	20.455	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	267399	20.480	ug/l	99
40) Benzene	8.04	78	668999	20.840	ug/l	99
41) Methacrylonitrile	7.17	41	73867	20.848	ug/l	95
42) 1,2-Dichloroethane	8.12	62	204165	21.831	ug/l	99
43) Isopropyl Acetate	8.16	43	245300	22.446	ug/l	99
44) Trichloroethene	8.84	130	187629	21.077	ug/l	99
45) 1,2-Dichloropropane	9.12	63	176510	20.759	ug/l	100
46) Dibromomethane	9.21	93	103704	21.229	ug/l	99
47) Bromodichloromethane	9.40	83	212203	20.656	ug/l	98
48) Methyl methacrylate	9.20	41	120014	21.269	ug/l	99
49) 1,4-Dioxane	9.20	88	25138	456.171	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	681852	114.295	ug/l	100
52) Toluene	10.16	92	413912	20.769	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	218560	20.989	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	255601	20.939	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	147151	21.417	ug/l	98
56) Ethyl methacrylate	10.43	69	188619	20.605	ug/l	99
57) 1,3-Dichloropropane	10.71	76	252797	21.269	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	492301	102.418	ug/l	99
59) 2-Hexanone	10.75	43	471914	112.686	ug/l	100
60) Dibromochloromethane	10.90	129	161774	20.759	ug/l	99
61) 1,2-Dibromoethane	11.00	107	149196	21.470	ug/l	99
64) Tetrachloroethene	10.63	164	208098	21.149	ug/l	98
65) Chlorobenzene	11.43	112	455458	20.608	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	162162	21.091	ug/l	98
67) Ethyl Benzene	11.51	91	778179	20.661	ug/l	100
68) m/p-Xylenes	11.62	106	605180	42.556	ug/l	99
69) o-Xylene	11.95	106	292244	21.149	ug/l	100
70) Styrene	11.96	104	479902	21.399	ug/l	100
71) Bromoform	12.13	173	112345	21.225	ug/l #	99
73) Isopropylbenzene	12.25	105	775165	20.410	ug/l	100
74) N-amyl acetate	12.07	43	214995	21.235	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	166974	20.963	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	153088m	22.399	ug/l	
77) Bromobenzene	12.53	156	204076	20.392	ug/l	99
78) n-propylbenzene	12.59	91	895647	20.544	ug/l	100
79) 2-Chlorotoluene	12.67	91	533785	20.656	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	645346	20.884	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	50775	20.382	ug/l	96
82) 4-Chlorotoluene	12.77	91	540988	20.529	ug/l	99
83) tert-Butylbenzene	12.99	119	565353	20.714	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	654583	21.009	ug/l	100
85) sec-Butylbenzene	13.17	105	768153	20.522	ug/l	100
86) p-Isopropyltoluene	13.29	119	675254	20.777	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	365768	20.778	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	360481	20.414	ug/l	99
89) n-Butylbenzene	13.62	91	568439	20.519	ug/l	99
90) Hexachloroethane	13.88	117	102239	20.058	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	348855	21.540	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24155	23.916	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	149748	22.563	ug/l	99
94) Hexachlorobutadiene	15.01	225	113080	22.382	ug/l	99
95) Naphthalene	15.13	128	252025	22.457	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	109113	23.142	ug/l	100

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

