

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056183.D
 Acq On : 10 Jun 2019 21:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 11:59:40 AM

Quant Time: Jun 11 04:33:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	278685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	405751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	362756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	162432	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	144618	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
35) Dibromofluoromethane	7.59	113	134550	54.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.10%	
50) Toluene-d8	10.09	98	492265	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.40	95	163758	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	146710	47.934	ug/l	99
3) Chloromethane	2.06	50	150730	49.895	ug/l	99
4) Vinyl Chloride	2.18	62	154390	50.949	ug/l	99
5) Bromomethane	2.52	94	79704	41.638	ug/l	99
6) Chloroethane	2.67	64	79413	45.199	ug/l	98
7) Trichlorofluoromethane	3.00	101	193712	50.074	ug/l	99
8) Diethyl Ether	3.40	74	78477	49.330	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	121596	51.744	ug/l	99
10) Methyl Iodide	3.93	142	174586	46.751	ug/l	100
11) Tert butyl alcohol	4.82	59	120843	250.953	ug/l	99
12) 1,1-Dichloroethene	3.72	96	119655	51.145	ug/l	96
13) Acrolein	3.60	56	49654	357.535	ug/l	100
14) Allyl chloride	4.31	41	191722	51.898	ug/l	99
15) Acrylonitrile	4.99	53	345428	294.684	ug/l	100
16) Acetone	3.82	43	294358	222.422	ug/l	98
17) Carbon Disulfide	4.03	76	266034	47.492	ug/l	100
18) Methyl Acetate	4.33	43	157548	60.729	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	390758	52.399	ug/l	98
20) Methylene Chloride	4.54	84	141269	51.812	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	127337	50.799	ug/l	99
22) Diisopropyl ether	5.95	45	408074	53.437	ug/l	100
23) Vinyl Acetate	5.90	43	1652395	274.769	ug/l	100
24) 1,1-Dichloroethane	5.84	63	233233	52.947	ug/l	100
25) 2-Butanone	6.84	43	460047	275.131	ug/l	99
26) 2,2-Dichloropropane	6.82	77	146262	42.551	ug/l	98
27) cis-1,2-Dichloroethene	6.82	96	153276	52.019	ug/l	96
28) Bromochloromethane	7.19	49	113525	54.497	ug/l	100
29) Tetrahydrofuran	7.22	42	300300	290.540	ug/l	100
30) Chloroform	7.37	83	238886	53.909	ug/l	99
31) Cyclohexane	7.65	56	205228	46.740	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	196398	53.074	ug/l	100
36) 1,1-Dichloropropene	7.79	75	173528	49.737	ug/l	99
37) Ethyl Acetate	6.93	43	177080	57.044	ug/l	99
38) Carbon Tetrachloride	7.77	117	168728	52.456	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	208828	48.049	ug/l	98
40) Benzene	8.04	78	548904	51.800	ug/l	100
41) Methacrylonitrile	7.18	41	85621	59.948	ug/l	95
42) 1,2-Dichloroethane	8.12	62	174819	51.288	ug/l	100
43) Isopropyl Acetate	8.17	43	275343	54.736	ug/l #	91
44) Trichloroethene	8.83	130	151949	49.903	ug/l	100
45) 1,2-Dichloropropane	9.12	63	144906	53.388	ug/l	99
46) Dibromomethane	9.21	93	95653	53.892	ug/l	99
47) Bromodichloromethane	9.40	83	182093	56.606	ug/l	100
48) Methyl methacrylate	9.20	41	139082	56.515	ug/l	97
49) 1,4-Dioxane	9.20	88	59192	1114.096	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	875173	278.209	ug/l	99
52) Toluene	10.16	92	341037	51.721	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	180822	48.043	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	211393	54.670	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	142026	54.376	ug/l	97
56) Ethyl methacrylate	10.43	69	209867	55.076	ug/l	98
57) 1,3-Dichloropropane	10.71	76	231741	54.578	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	363801	241.347	ug/l	100
59) 2-Hexanone	10.75	43	607326	266.375	ug/l	99
60) Dibromochloromethane	10.90	129	149313	51.742	ug/l	99
61) 1,2-Dibromoethane	11.01	107	147136	55.104	ug/l	99
64) Tetrachloroethene	10.63	164	157374	50.118	ug/l	99
65) Chlorobenzene	11.43	112	368893	51.096	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	140727	56.453	ug/l	99
67) Ethyl Benzene	11.51	91	644771	51.361	ug/l	100
68) m/p-Xylenes	11.62	106	487817	101.721	ug/l	99
69) o-Xylene	11.95	106	239631	50.799	ug/l	99
70) Styrene	11.96	104	402838	53.747	ug/l	99
71) Bromoform	12.13	173	109254	52.082	ug/l #	98
73) Isopropylbenzene	12.25	105	633836	54.985	ug/l	99
74) N-amyl acetate	12.07	43	222194	51.316	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	192228	50.979	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	165790m	55.470	ug/l	
77) Bromobenzene	12.53	156	171002	49.172	ug/l	97
78) n-propylbenzene	12.59	91	680719	49.537	ug/l	100
79) 2-Chlorotoluene	12.67	91	410008	53.977	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	517768	47.409	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	46401	51.701	ug/l	91
82) 4-Chlorotoluene	12.77	91	398118	49.520	ug/l	100
83) tert-Butylbenzene	12.99	119	458600	54.358	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	509120	49.159	ug/l	99
85) sec-Butylbenzene	13.17	105	589741	48.461	ug/l	100
86) p-Isopropyltoluene	13.29	119	531935	48.840	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	276127	51.302	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	265046	51.191	ug/l	99
89) n-Butylbenzene	13.61	91	396492	49.143	ug/l	100
90) Hexachloroethane	13.87	117	88625	53.957	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	276446	50.872	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31536	58.472	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	138049	46.433	ug/l	99
94) Hexachlorobutadiene	15.01	225	100486	54.085	ug/l	98
95) Naphthalene	15.13	128	376970	48.635	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	154760	50.668	ug/l	100

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

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