

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055362.D
 Acq On : 2 May 2019 20:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 1:08:00 PM

Quant Time: May 03 05:22:39 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	407777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	660858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	560978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	230990	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	270299	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
35) Dibromofluoromethane	7.59	113	215823	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
50) Toluene-d8	10.09	98	759484	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
62) 4-Bromofluorobenzene	12.40	95	261262	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	230038	46.043	ug/l	100
3) Chloromethane	2.06	50	258593	41.799	ug/l	99
4) Vinyl Chloride	2.19	62	232241	46.571	ug/l	98
5) Bromomethane	2.56	94	124354	47.077	ug/l	98
6) Chloroethane	2.71	64	126320	46.759	ug/l	99
7) Trichlorofluoromethane	3.02	101	326928	46.104	ug/l	100
8) Diethyl Ether	3.41	74	130657	52.665	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	194639	46.094	ug/l	99
10) Methyl Iodide	3.96	142	278495	46.864	ug/l	100
11) Tert butyl alcohol	4.78	59	97452	319.072	ug/l	100
12) 1,1-Dichloroethene	3.74	96	191417	47.520	ug/l	98
13) Acrolein	3.61	56	49817	208.855	ug/l	99
14) Allyl chloride	4.33	41	406369	48.710	ug/l	99
15) Acrylonitrile	4.99	53	481702	280.589	ug/l	99
16) Acetone	3.82	43	362461	218.060	ug/l	100
17) Carbon Disulfide	4.06	76	447908	42.608	ug/l	99
18) Methyl Acetate	4.33	43	247381	61.329	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	625157	55.206	ug/l	100
20) Methylene Chloride	4.55	84	228649	45.066	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	199079	46.665	ug/l	99
22) Diisopropyl ether	5.96	45	867639	52.343	ug/l	99
23) Vinyl Acetate	5.90	43	3070555	282.636	ug/l	99
24) 1,1-Dichloroethane	5.85	63	441302	49.966	ug/l	99
25) 2-Butanone	6.84	43	596073	280.407	ug/l	99
26) 2,2-Dichloropropane	6.83	77	265815	43.585	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	241927	49.868	ug/l	100
28) Bromochloromethane	7.20	49	220824	49.602	ug/l	98
29) Tetrahydrofuran	7.21	42	404201	296.950	ug/l	99
30) Chloroform	7.37	83	406093	48.504	ug/l	100
31) Cyclohexane	7.65	56	378533	45.111	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	333352	49.059	ug/l	99
36) 1,1-Dichloropropene	7.80	75	295089	46.618	ug/l	99
37) Ethyl Acetate	6.93	43	266546	54.942	ug/l	97
38) Carbon Tetrachloride	7.78	117	276029	45.205	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	310896	46.194	ug/l	98
40) Benzene	8.04	78	901459	48.309	ug/l	99
41) Methacrylonitrile	7.18	41	153867	58.474	ug/l	95
42) 1,2-Dichloroethane	8.13	62	318090	48.129	ug/l	99
43) Isopropyl Acetate	8.17	43	466807	59.874	ug/l	98
44) Trichloroethene	8.84	130	224102	47.109	ug/l	99
45) 1,2-Dichloropropane	9.12	63	263458	48.952	ug/l	100
46) Dibromomethane	9.21	93	142849	48.558	ug/l	98
47) Bromodichloromethane	9.40	83	309832	49.093	ug/l	98
48) Methyl methacrylate	9.20	41	212894	55.546	ug/l	97
49) 1,4-Dioxane	9.20	88	46793	1181.024	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1281288	291.895	ug/l	99
52) Toluene	10.16	92	521524	48.709	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	293690	53.606	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	351366	51.438	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	204671	51.478	ug/l	98
56) Ethyl methacrylate	10.43	69	281877	57.600	ug/l	99
57) 1,3-Dichloropropane	10.71	76	355883	51.024	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	378208	249.075	ug/l	100
59) 2-Hexanone	10.75	43	810339	295.046	ug/l	99
60) Dibromochloromethane	10.90	129	210022	51.685	ug/l	98
61) 1,2-Dibromoethane	11.01	107	194285	52.869	ug/l	99
64) Tetrachloroethene	10.63	164	218007	47.522	ug/l	98
65) Chlorobenzene	11.44	112	534088	48.696	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	206011	47.969	ug/l	100
67) Ethyl Benzene	11.51	91	975235	49.240	ug/l	98
68) m/p-Xylenes	11.62	106	710410	100.489	ug/l	99
69) o-Xylene	11.95	106	350042	49.955	ug/l	100
70) Styrene	11.96	104	584280	54.307	ug/l	100
71) Bromoform	12.13	173	133077	55.843	ug/l #	98
73) Isopropylbenzene	12.25	105	940552	51.253	ug/l	99
74) N-amyl acetate	12.07	43	351096	59.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	249309	54.777	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	210915m	49.077	ug/l	
77) Bromobenzene	12.53	156	224794	51.062	ug/l	98
78) n-propylbenzene	12.59	91	1038835	43.782	ug/l	100
79) 2-Chlorotoluene	12.67	91	636550	50.896	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	794607	43.879	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	59749	49.019	ug/l	95
82) 4-Chlorotoluene	12.77	91	620967	45.011	ug/l	99
83) tert-Butylbenzene	12.99	119	657614	51.386	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	784035	48.410	ug/l	100
85) sec-Butylbenzene	13.17	105	846915	43.029	ug/l	99
86) p-Isopropyltoluene	13.29	119	750239	46.376	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	370613	47.948	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	355933	48.898	ug/l	99
89) n-Butylbenzene	13.61	91	589966	51.322	ug/l	100
90) Hexachloroethane	13.87	117	119976	46.736	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	369488	48.230	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	38530	63.403	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	152761	50.541	ug/l	98
94) Hexachlorobutadiene	15.01	225	123233	53.663	ug/l	96
95) Naphthalene	15.13	128	322870	50.268	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	158206	53.024	ug/l	99

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

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