

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
 Data File : VN054175.D
 Acq On : 12 Mar 2019 20:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/13/2019 11:42:15 AM

Quant Time: Mar 13 08:09:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1509460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2308285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2051827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1031992	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	802606	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	7.59	113	730098	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	10.09	98	2686014	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	12.40	95	969360	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	733806	51.294	ug/l	100
3) Chloromethane	2.06	50	691496	49.761	ug/l	99
4) Vinyl Chloride	2.19	62	780030	49.111	ug/l	100
5) Bromomethane	2.57	94	520278	47.296	ug/l	97
6) Chloroethane	2.71	64	452603	47.097	ug/l	100
7) Trichlorofluoromethane	3.02	101	1001330	47.418	ug/l	99
8) Diethyl Ether	3.41	74	495963	51.539	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	811132	51.259	ug/l	99
10) Methyl Iodide	3.94	142	1054772	47.027	ug/l	100
11) Tert butyl alcohol	4.81	59	268208	244.056	ug/l	98
12) 1,1-Dichloroethene	3.73	96	799821	51.004	ug/l	99
13) Acrolein	3.61	56	241815	232.211	ug/l	99
14) Allyl chloride	4.32	41	1030613	51.223	ug/l	99
15) Acrylonitrile	4.99	53	1161106	257.212	ug/l	100
16) Acetone	3.82	43	959376	209.019	ug/l	98
17) Carbon Disulfide	4.04	76	1988732	50.589	ug/l	99
18) Methyl Acetate	4.33	43	497236	53.546	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	2018805	51.937	ug/l	99
20) Methylene Chloride	4.54	84	766500	50.859	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	765507	50.949	ug/l	99
22) Diisopropyl ether	5.96	45	2066602	51.464	ug/l	99
23) Vinyl Acetate	5.90	43	7893315	266.600	ug/l	99
24) 1,1-Dichloroethane	5.85	63	1316643	51.065	ug/l	99
25) 2-Butanone	6.84	43	1342032	249.118	ug/l	99
26) 2,2-Dichloropropane	6.82	77	1103878	48.685	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	877693	52.362	ug/l	99
28) Bromochloromethane	7.19	49	531027	50.379	ug/l	99
29) Tetrahydrofuran	7.22	42	886683	255.991	ug/l	100
30) Chloroform	7.37	83	1400875	52.068	ug/l	99
31) Cyclohexane	7.65	56	1203917	49.942	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1261945	51.935	ug/l	100
36) 1,1-Dichloropropene	7.79	75	1083260	50.959	ug/l	99
37) Ethyl Acetate	6.94	43	622286	50.948	ug/l	100
38) Carbon Tetrachloride	7.77	117	1121851	50.325	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1315243	50.287	ug/l	99
40) Benzene	8.04	78	3096973	50.912	ug/l	99
41) Methacrylonitrile	7.17	41	348324	49.946	ug/l	98
42) 1,2-Dichloroethane	8.12	62	1046965	50.979	ug/l	100
43) Isopropyl Acetate	8.17	43	1093686	51.013	ug/l	98
44) Trichloroethene	8.83	130	951651	50.361	ug/l	99
45) 1,2-Dichloropropane	9.12	63	781013	51.707	ug/l	100
46) Dibromomethane	9.21	93	522772	51.224	ug/l	98
47) Bromodichloromethane	9.40	83	1059200	51.771	ug/l	98
48) Methyl methacrylate	9.20	41	573239	52.687	ug/l	100
49) 1,4-Dioxane	9.20	88	160657	1043.922	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	2965897	261.409	ug/l	100
52) Toluene	10.16	92	1975024	51.206	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1099069	47.088	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	1246304	52.274	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	713890	50.690	ug/l	99
56) Ethyl methacrylate	10.43	69	885176	52.712	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1182221	51.338	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1683625	232.368	ug/l	100
59) 2-Hexanone	10.75	43	1874482	248.293	ug/l	99
60) Dibromochloromethane	10.90	129	832126	52.494	ug/l	100
61) 1,2-Dibromoethane	11.01	107	745968	52.122	ug/l	99
64) Tetrachloroethene	10.63	164	970442	48.918	ug/l	98
65) Chlorobenzene	11.43	112	2281189	50.634	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	838869	51.256	ug/l	98
67) Ethyl Benzene	11.51	91	3747340	50.177	ug/l	100
68) m/p-Xylenes	11.62	106	2973493	101.869	ug/l	100
69) o-Xylene	11.95	106	1448541	50.907	ug/l	100
70) Styrene	11.96	104	2327213	52.149	ug/l	99
71) Bromoform	12.13	173	576431	46.382	ug/l #	99
73) Isopropylbenzene	12.25	105	3867243	46.838	ug/l	100
74) N-amyl acetate	12.07	43	909545	49.629	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	831119	47.247	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	700269m	46.143	ug/l	
77) Bromobenzene	12.53	156	1038668	47.540	ug/l	99
78) n-propylbenzene	12.59	91	4281997	47.796	ug/l	100
79) 2-Chlorotoluene	12.67	91	2542916	47.207	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3246233	47.268	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	210181	47.344	ug/l	98
82) 4-Chlorotoluene	12.77	91	2577655	47.922	ug/l	99
83) tert-Butylbenzene	12.99	119	2968171	46.955	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3283507	48.734	ug/l	99
85) sec-Butylbenzene	13.17	105	3876140	47.282	ug/l	100
86) p-Isopropyltoluene	13.29	119	3465356	48.183	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1825100	49.575	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1781316	49.254	ug/l	100
89) n-Butylbenzene	13.61	91	2809928	51.421	ug/l	100
90) Hexachloroethane	13.88	117	571486	47.988	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1779556	49.446	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	134327	49.347	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1021306	47.155	ug/l	99
94) Hexachlorobutadiene	15.01	225	653898	47.700	ug/l	99
95) Naphthalene	15.13	128	2012996	44.857	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	1011766	52.910	ug/l	99

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

