

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080619\
 Data File : VN057090.D
 Acq On : 6 Aug 2019 9:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMdadoda
 8/9/2019 12:51:32 AM

Quant Time: Aug 07 03:23:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	486704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	690202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	618682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	259726	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	251467	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
35) Dibromofluoromethane	7.58	113	224964	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
50) Toluene-d8	10.08	98	837626	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.40	95	280720	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	230772	46.902	ug/l	97
3) Chloromethane	2.05	50	242342	41.132	ug/l	98
4) Vinyl Chloride	2.18	62	229471	41.536	ug/l	99
5) Bromomethane	2.55	94	143352	41.739	ug/l	98
6) Chloroethane	2.69	64	126425	41.513	ug/l	99
7) Trichlorofluoromethane	3.00	101	340161	47.037	ug/l	98
8) Diethyl Ether	3.40	74	129058	47.684	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	210681	46.989	ug/l	99
10) Methyl Iodide	3.94	142	251750	42.020	ug/l	99
11) Tert butyl alcohol	4.77	59	170932	253.827	ug/l	98
12) 1,1-Dichloroethene	3.72	96	195239	45.637	ug/l	98
13) Acrolein	3.59	56	89162	258.188	ug/l	99
14) Allyl chloride	4.31	41	313455	45.043	ug/l	99
15) Acrylonitrile	4.97	53	511263	258.888	ug/l	98
16) Acetone	3.80	43	486838	269.730	ug/l	99
17) Carbon Disulfide	4.04	76	433434	38.128	ug/l	100
18) Methyl Acetate	4.31	43	285665	49.614	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	643688	50.461	ug/l	100
20) Methylene Chloride	4.54	84	229032	44.052	ug/l	96
21) trans-1,2-Dichloroethene	5.02	96	204267	44.958	ug/l	98
22) Diisopropyl ether	5.93	45	656651	45.797	ug/l	97
23) Vinyl Acetate	5.88	43	2407557	242.345	ug/l	99
24) 1,1-Dichloroethane	5.83	63	387073	45.755	ug/l	99
25) 2-Butanone	6.82	43	664610	259.678	ug/l	97
26) 2,2-Dichloropropane	6.81	77	310558	48.279	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	247733	46.100	ug/l	100
28) Bromochloromethane	7.18	49	177757	44.703	ug/l	94
29) Tetrahydrofuran	7.20	42	418969	250.903	ug/l	98
30) Chloroform	7.36	83	394667	45.629	ug/l	99
31) Cyclohexane	7.64	56	334759	40.892	ug/l	98
32) 1,1,1-Trichloroethane	7.56	97	332406	48.165	ug/l	99
36) 1,1-Dichloropropene	7.78	75	281060	46.278	ug/l	99
37) Ethyl Acetate	6.91	43	258771	53.199	ug/l	99
38) Carbon Tetrachloride	7.76	117	286182	49.816	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	351097	45.232	ug/l	99
40) Benzene	8.03	78	873912	46.718	ug/l	99
41) Methacrylonitrile	7.16	41	117022	52.041	ug/l	94
42) 1,2-Dichloroethane	8.11	62	286904	48.938	ug/l	99
43) Isopropyl Acetate	8.15	43	427566	53.182	ug/l	99
44) Trichloroethene	8.82	130	248294	48.180	ug/l	99
45) 1,2-Dichloropropane	9.11	63	236202	47.208	ug/l	99
46) Dibromomethane	9.20	93	150178	49.770	ug/l	97
47) Bromodichloromethane	9.39	83	302610	51.008	ug/l	99
48) Methyl methacrylate	9.19	41	207193	53.380	ug/l	99
49) 1,4-Dioxane	9.19	88	80064	1000.927	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1288295	269.695	ug/l	100
52) Toluene	10.15	92	548582	48.812	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	316855	51.468	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	360335	50.340	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	226996	50.364	ug/l	98
56) Ethyl methacrylate	10.42	69	324343	47.734	ug/l	100
57) 1,3-Dichloropropane	10.70	76	371614	49.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	586755	217.246	ug/l	98
59) 2-Hexanone	10.74	43	938203	254.990	ug/l	99
60) Dibromochloromethane	10.90	129	246166	53.311	ug/l	98
61) 1,2-Dibromoethane	11.00	107	232292	52.813	ug/l	98
64) Tetrachloroethene	10.63	164	243283	45.632	ug/l	98
65) Chlorobenzene	11.43	112	604898	47.971	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	238349	50.221	ug/l	99
67) Ethyl Benzene	11.50	91	1046557	48.022	ug/l	100
68) m/p-Xylenes	11.62	106	792700	98.558	ug/l	100
69) o-Xylene	11.94	106	389288	49.473	ug/l	99
70) Styrene	11.96	104	636621	45.931	ug/l	98
71) Bromoform	12.12	173	181537	54.786	ug/l #	100
73) Isopropylbenzene	12.24	105	1048056	46.691	ug/l	99
74) N-amyl acetate	12.07	43	334169	51.271	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	305635	54.078	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	267845m	50.780	ug/l	
77) Bromobenzene	12.52	156	276373	47.175	ug/l	99
78) n-propylbenzene	12.59	91	1142304	47.661	ug/l	100
79) 2-Chlorotoluene	12.67	91	685097	46.422	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	888761	48.243	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	91002	55.433	ug/l	99
82) 4-Chlorotoluene	12.77	91	667427	48.326	ug/l	100
83) tert-Butylbenzene	12.99	119	788907	48.374	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	866664	48.891	ug/l	100
85) sec-Butylbenzene	13.17	105	1008883	47.960	ug/l	99
86) p-Isopropyltoluene	13.28	119	911130	48.785	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	439316	49.298	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	421239	49.102	ug/l	100
89) n-Butylbenzene	13.61	91	692164	48.088	ug/l	99
90) Hexachloroethane	13.87	117	161556	50.237	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	436778	49.800	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	48449	54.268	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	196616	43.811	ug/l	99
94) Hexachlorobutadiene	15.00	225	181063	59.748	ug/l	99
95) Naphthalene	15.12	128	474577	43.507	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	213470	46.825	ug/l	99

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

