

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030620\
 Data File : VN060370.D
 Acq On : 6 Mar 2020 10:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 11:41:26 AM

Quant Time: Mar 07 02:20:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	199251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	323246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	300129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	146123	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	124917	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
35) Dibromofluoromethane	7.56	113	87702	58.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.90%	
50) Toluene-d8	10.08	98	373810	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
62) 4-Bromofluorobenzene	12.40	95	141752	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	87798	48.060	ug/l	100
3) Chloromethane	2.04	50	152022	47.797	ug/l	99
4) Vinyl Chloride	2.16	62	127937	46.903	ug/l	100
5) Bromomethane	2.54	94	49081	44.435	ug/l	99
6) Chloroethane	2.68	64	70454	47.672	ug/l	95
7) Trichlorofluoromethane	3.00	101	169579	48.659	ug/l	98
8) Diethyl Ether	3.38	74	66905	50.846	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	100678	51.045	ug/l	98
10) Methyl Iodide	3.93	142	92461	51.366	ug/l	100
11) Tert butyl alcohol	4.72	59	89359	235.406	ug/l	100
12) 1,1-Dichloroethene	3.71	96	97605	50.991	ug/l	98
13) Acrolein	3.57	56	119290	336.855	ug/l	99
14) Allyl chloride	4.29	41	170177	48.216	ug/l	92
15) Acrylonitrile	4.94	53	273993	273.845	ug/l	99
16) Acetone	3.78	43	211513	256.210	ug/l	98
17) Carbon Disulfide	4.03	76	249960	49.195	ug/l	99
18) Methyl Acetate	4.28	43	142564	51.747	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	368541	53.027	ug/l	98
20) Methylene Chloride	4.52	84	113875	50.227	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	104753	50.941	ug/l	97
22) Diisopropyl ether	5.91	45	396311	55.434	ug/l	98
23) Vinyl Acetate	5.86	43	1568410	276.078	ug/l	99
24) 1,1-Dichloroethane	5.81	63	216530	53.505	ug/l	99
25) 2-Butanone	6.80	43	368485	276.339	ug/l	100
26) 2,2-Dichloropropane	6.79	77	197386	53.576	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	130277	49.555	ug/l	98
28) Bromochloromethane	7.17	49	84645	50.942	ug/l	96
29) Tetrahydrofuran	7.18	42	247422	266.833	ug/l	99
30) Chloroform	7.34	83	216945	53.850	ug/l	100
31) Cyclohexane	7.63	56	186718	54.178	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	189441	53.073	ug/l	100
36) 1,1-Dichloropropene	7.77	75	159690	51.836	ug/l	99
37) Ethyl Acetate	6.89	43	159996	54.849	ug/l	99
38) Carbon Tetrachloride	7.75	117	156978	52.336	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	180996	49.830	ug/l	97
40) Benzene	8.02	78	475072	52.983	ug/l	100
41) Methacrylonitrile	7.14	41	61846m	45.917	ug/l	
42) 1,2-Dichloroethane	8.10	62	173252	53.545	ug/l	100
43) Isopropyl Acetate	8.14	43	286118	56.027	ug/l	99
44) Trichloroethene	8.82	130	130590	52.294	ug/l	97
45) 1,2-Dichloropropane	9.10	63	131086	55.916	ug/l	99
46) Dibromomethane	9.19	93	80600	52.986	ug/l	99
47) Bromodichloromethane	9.38	83	173376	56.040	ug/l	100
48) Methyl methacrylate	9.18	41	125816	54.027	ug/l	100
49) 1,4-Dioxane	9.18	88	31906	974.272	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	815080	281.504	ug/l	100
52) Toluene	10.14	92	300073	53.276	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	202467	53.409	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	211469	53.834	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	120890	53.372	ug/l	98
56) Ethyl methacrylate	10.42	69	186235	57.231	ug/l	98
57) 1,3-Dichloropropane	10.70	76	203718	55.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	520309	305.720	ug/l	99
59) 2-Hexanone	10.74	43	598369	281.465	ug/l	99
60) Dibromochloromethane	10.89	129	130312	56.572	ug/l	100
61) 1,2-Dibromoethane	10.99	107	120568	54.604	ug/l	99
64) Tetrachloroethene	10.62	164	136751	58.099	ug/l	98
65) Chlorobenzene	11.43	112	315050	51.985	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	122474	54.657	ug/l	99
67) Ethyl Benzene	11.50	91	590131	53.471	ug/l	99
68) m/p-Xylenes	11.61	106	440073	105.686	ug/l	99
69) o-Xylene	11.94	106	214311	53.973	ug/l	99
70) Styrene	11.96	104	357307	54.732	ug/l	100
71) Bromoform	12.12	173	93124	57.664	ug/l #	98
73) Isopropylbenzene	12.24	105	576657	53.244	ug/l	99
74) N-amyl acetate	12.06	43	256153	54.125	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	162907	55.335	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	154634m	48.233	ug/l	
77) Bromobenzene	12.52	156	139060	52.380	ug/l	98
78) n-propylbenzene	12.59	91	677303	53.351	ug/l	99
79) 2-Chlorotoluene	12.67	91	393157	52.684	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	485398	53.231	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	66293	57.081	ug/l #	86
82) 4-Chlorotoluene	12.77	91	410209	52.174	ug/l	100
83) tert-Butylbenzene	12.99	119	404202	51.197	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	489379	53.170	ug/l	100
85) sec-Butylbenzene	13.17	105	549957	52.019	ug/l	99
86) p-Isopropyltoluene	13.28	119	498912	50.986	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	252474	55.365	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	249174	54.967	ug/l	100
89) n-Butylbenzene	13.61	91	453406	50.476	ug/l	99
90) Hexachloroethane	13.87	117	72411	51.124	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	240321	51.661	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	33970	50.954	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	152632	51.633	ug/l	99
94) Hexachlorobutadiene	15.01	225	73472	54.119	ug/l	99
95) Naphthalene	15.13	128	439675	50.502	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	142630	51.240	ug/l	100

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

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