

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110620\
 Data File : VN064501.D
 Acq On : 6 Nov 2020 22:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 9:56:15 AM

Quant Time: Nov 07 04:57:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	309519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	546371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	516000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	241403	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	266032	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
35) Dibromofluoromethane	7.55	113	181038	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
50) Toluene-d8	10.06	98	687965	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.38	95	258682	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	186352	46.251	ug/l	99
3) Chloromethane	2.04	50	225241	46.024	ug/l	98
4) Vinyl Chloride	2.17	62	241385	48.031	ug/l	100
5) Bromomethane	2.52	94	144657	45.056	ug/l	97
6) Chloroethane	2.67	64	161666	50.244	ug/l	98
7) Trichlorofluoromethane	2.98	101	361930	48.908	ug/l	95
8) Diethyl Ether	3.38	74	127084	48.629	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	161685	46.009	ug/l	99
10) Methyl Iodide	3.91	142	202369	49.559	ug/l	99
11) Tert butyl alcohol	4.75	59	176380	296.659	ug/l	99
12) 1,1-Dichloroethene	3.69	96	160630	48.525	ug/l	98
13) Acrolein	3.57	56	94725	256.851	ug/l	99
14) Allyl chloride	4.27	41	308229	47.599	ug/l	99
15) Acrylonitrile	4.94	53	492600	297.589	ug/l	99
16) Acetone	3.78	43	476084	231.822	ug/l	99
17) Carbon Disulfide	4.01	76	469815	47.460	ug/l	98
18) Methyl Acetate	4.28	43	282447	69.957	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	608518	51.077	ug/l	99
20) Methylene Chloride	4.50	84	198496	48.715	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	185620	49.387	ug/l	99
22) Diisopropyl ether	5.91	45	691659	50.318	ug/l	97
23) Vinyl Acetate	5.85	43	2833169	253.365	ug/l	98
24) 1,1-Dichloroethane	5.80	63	372883	49.366	ug/l	100
25) 2-Butanone	6.79	43	730362	279.121	ug/l	98
26) 2,2-Dichloropropane	6.78	77	285791	41.797	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	210400	48.310	ug/l	97
28) Bromochloromethane	7.15	49	183492	49.422	ug/l	100
29) Tetrahydrofuran	7.17	42	468204	291.647	ug/l	98
30) Chloroform	7.33	83	394893	49.736	ug/l	99
31) Cyclohexane	7.61	56	289253	44.135	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	351352	49.893	ug/l	98
36) 1,1-Dichloropropene	7.75	75	281472	48.765	ug/l	99
37) Ethyl Acetate	6.89	43	293731	50.138	ug/l	99
38) Carbon Tetrachloride	7.73	117	307840	49.902	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	242280	46.824	ug/l	94
40) Benzene	8.00	78	831310	49.013	ug/l	100
41) Methacrylonitrile	7.13	41	124673	48.719	ug/l	96
42) 1,2-Dichloroethane	8.09	62	345587	50.489	ug/l	99
43) Isopropyl Acetate	8.13	43	505594	54.051	ug/l	100
44) Trichloroethene	8.80	130	202434	47.306	ug/l	99
45) 1,2-Dichloropropane	9.09	63	228303	50.447	ug/l	98
46) Dibromomethane	9.18	93	151498	50.852	ug/l	98
47) Bromodichloromethane	9.37	83	327527	51.130	ug/l	99
48) Methyl methacrylate	9.17	41	261322	55.364	ug/l	99
49) 1,4-Dioxane	9.17	88	79091	1272.170	ug/l	98
51) 4-Methyl-2-Pentanone	9.96	43	1625193	297.926	ug/l	100
52) Toluene	10.13	92	528175	51.057	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	339996	50.064	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	356001	49.029	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	213014	52.799	ug/l	98
56) Ethyl methacrylate	10.40	69	316170	47.719	ug/l	99
57) 1,3-Dichloropropane	10.68	76	369741	52.505	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.67	63	833953	264.517	ug/l	99
59) 2-Hexanone	10.72	43	1192158	267.716	ug/l	100
60) Dibromochloromethane	10.87	129	239227	52.962	ug/l	99
61) 1,2-Dibromoethane	10.98	107	221661	54.167	ug/l	98
64) Tetrachloroethene	10.60	164	191524	48.185	ug/l	97
65) Chlorobenzene	11.41	112	551322	48.738	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	218208	51.708	ug/l	100
67) Ethyl Benzene	11.49	91	1011621	50.277	ug/l	100
68) m/p-Xylenes	11.59	106	739645	101.362	ug/l	98
69) o-Xylene	11.92	106	353168	50.086	ug/l	98
70) Styrene	11.94	104	625641	52.729	ug/l	99
71) Bromoform	12.10	173	159706	50.391	ug/l #	98
73) Isopropylbenzene	12.23	105	941832	49.086	ug/l	100
74) N-amyl acetate	12.05	43	447082	48.090	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	313726	53.233	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	305292m	52.196	ug/l	
77) Bromobenzene	12.50	156	226535	48.358	ug/l	98
78) n-propylbenzene	12.57	91	1079553	49.351	ug/l	100
79) 2-Chlorotoluene	12.65	91	679390	48.968	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	799356	50.499	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	102835	49.090	ug/l	96
82) 4-Chlorotoluene	12.75	91	716845	49.336	ug/l	100
83) tert-Butylbenzene	12.97	119	610761	49.403	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	814202	51.167	ug/l	99
85) sec-Butylbenzene	13.15	105	810987	51.797	ug/l	100
86) p-Isopropyltoluene	13.26	119	720733	51.177	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	396941	49.019	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	395671	47.281	ug/l	99
89) n-Butylbenzene	13.59	91	615044	50.794	ug/l	100
90) Hexachloroethane	13.85	117	141974	52.259	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	399229	51.253	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	71966	61.332	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	175796	45.628	ug/l	98
94) Hexachlorobutadiene	14.98	225	84310	53.162	ug/l	99
95) Naphthalene	15.10	128	591397	45.053	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	176445	47.244	ug/l	99

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

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