

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062849.D
 Acq On : 12 Aug 2020 11:00
 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
 8/13/2020 10:56:56 AM

Quant Time: Aug 13 05:36:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	155040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	232751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	223914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	115887	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	118057	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
35) Dibromofluoromethane	7.55	113	81220	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	10.06	98	315463	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.38	95	121343	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	106515	47.977	ug/l	95
3) Chloromethane	2.03	50	87716	41.868	ug/l	99
4) Vinyl Chloride	2.16	62	88408	44.992	ug/l	100
5) Bromomethane	2.50	94	68945	53.003	ug/l	100
6) Chloroethane	2.65	64	71388	55.223	ug/l	98
7) Trichlorofluoromethane	2.97	101	185261	52.873	ug/l	98
8) Diethyl Ether	3.37	74	51533	51.375	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	79216	56.165	ug/l	99
10) Methyl Iodide	3.91	142	94824	55.835	ug/l	98
11) Tert butyl alcohol	4.74	59	86441	205.708	ug/l	99
12) 1,1-Dichloroethene	3.69	96	71116	53.954	ug/l	99
13) Acrolein	3.56	56	113980	447.990	ug/l	99
14) Allyl chloride	4.27	41	122455	45.113	ug/l	98
15) Acrylonitrile	4.93	53	215713	221.326	ug/l	99
16) Acetone	3.77	43	250990	270.923	ug/l	98
17) Carbon Disulfide	4.00	76	181603	48.415	ug/l	98
18) Methyl Acetate	4.27	43	106614	48.625	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	284339	47.336	ug/l	100
20) Methylene Chloride	4.50	84	84741	49.982	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	69822	45.003	ug/l	96
22) Diisopropyl ether	5.90	45	263080	45.528	ug/l	98
23) Vinyl Acetate	5.84	43	922738	209.943	ug/l	97
24) 1,1-Dichloroethane	5.80	63	149775	44.230	ug/l	99
25) 2-Butanone	6.79	43	295175	224.963	ug/l	98
26) 2,2-Dichloropropane	6.77	77	146092	46.803	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	85581	45.982	ug/l	97
28) Bromochloromethane	7.15	49	71395	43.685	ug/l	94
29) Tetrahydrofuran	7.17	42	184431	216.359	ug/l	97
30) Chloroform	7.33	83	165712	46.047	ug/l	99
31) Cyclohexane	7.61	56	134199	43.172	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	150644	46.819	ug/l	99
36) 1,1-Dichloropropene	7.75	75	109710	48.409	ug/l	97
37) Ethyl Acetate	6.88	43	106493	44.983	ug/l	99
38) Carbon Tetrachloride	7.73	117	132239	49.336	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	139351	51.093	ug/l	99
40) Benzene	8.00	78	325205	48.088	ug/l	99
41) Methacrylonitrile	7.12	41	51521	48.228	ug/l #	74
42) 1,2-Dichloroethane	8.08	62	139701	48.535	ug/l	100
43) Isopropyl Acetate	8.13	43	176045	44.583	ug/l	97
44) Trichloroethene	8.80	130	80981	49.150	ug/l	96
45) 1,2-Dichloropropane	9.08	63	89923	49.129	ug/l	99
46) Dibromomethane	9.17	93	59708	49.787	ug/l	98
47) Bromodichloromethane	9.37	83	138180	51.301	ug/l	98
48) Methyl methacrylate	9.17	41	90712	46.705	ug/l	99
49) 1,4-Dioxane	9.17	88	36305	1008.790	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	607499	237.779	ug/l	98
52) Toluene	10.12	92	214040	51.261	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	149300	50.392	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	151673	50.988	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	88401	49.571	ug/l	96
56) Ethyl methacrylate	10.40	69	138521	51.605	ug/l	98
57) 1,3-Dichloropropane	10.68	76	151533	50.009	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	179482	236.553	ug/l	99
59) 2-Hexanone	10.72	43	457890	240.261	ug/l	99
60) Dibromochloromethane	10.87	129	106877	52.517	ug/l	100
61) 1,2-Dibromoethane	10.98	107	90606	51.489	ug/l	98
64) Tetrachloroethene	10.60	164	70792	49.000	ug/l	98
65) Chlorobenzene	11.41	112	232846	49.746	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	97395	51.816	ug/l	98
67) Ethyl Benzene	11.48	91	428820	51.196	ug/l	97
68) m/p-Xylenes	11.60	106	322797	106.166	ug/l	98
69) o-Xylene	11.92	106	153035	53.709	ug/l	98
70) Styrene	11.94	104	278959	55.698	ug/l	98
71) Bromoform	12.10	173	76453	49.713	ug/l #	99
73) Isopropylbenzene	12.22	105	433265	49.651	ug/l	99
74) N-amyl acetate	12.05	43	164500	46.518	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	137274	44.687	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	129415m	41.408	ug/l	
77) Bromobenzene	12.50	156	103525	47.747	ug/l	94
78) n-propylbenzene	12.57	91	515915	50.366	ug/l	99
79) 2-Chlorotoluene	12.65	91	312290	48.617	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	396536	52.380	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	49583	48.431	ug/l	98
82) 4-Chlorotoluene	12.75	91	328074	49.561	ug/l	99
83) tert-Butylbenzene	12.97	119	324923	50.723	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	387069	53.444	ug/l	100
85) sec-Butylbenzene	13.15	105	434933	51.703	ug/l	100
86) p-Isopropyltoluene	13.26	119	394379	52.816	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	194124	50.117	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	188049	48.404	ug/l	99
89) n-Butylbenzene	13.59	91	315739	49.997	ug/l	99
90) Hexachloroethane	13.85	117	75546	46.937	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	183565	50.549	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	30935	46.908	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	85217	44.114	ug/l	98
94) Hexachlorobutadiene	14.98	225	62551	54.877	ug/l	99
95) Naphthalene	15.10	128	215493	41.158	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	89273	46.638	ug/l	99

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

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