

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060950.D
 Acq On : 15 Apr 2020 10:15
 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
 4/16/2020 11:15:48 AM

Quant Time: Apr 16 06:59:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	137742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	225560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	208214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	100042	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	97068	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
35) Dibromofluoromethane	7.56	113	72654	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
50) Toluene-d8	10.08	98	287346	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.39	95	109546	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	61934	46.470	ug/l	99
3) Chloromethane	2.04	50	108372	43.537	ug/l	99
4) Vinyl Chloride	2.17	62	87889	45.142	ug/l	98
5) Bromomethane	2.54	94	44665	53.143	ug/l	98
6) Chloroethane	2.68	64	56295	50.195	ug/l	100
7) Trichlorofluoromethane	3.00	101	120974	50.441	ug/l	100
8) Diethyl Ether	3.38	74	51703	53.664	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	74379	53.521	ug/l	99
10) Methyl Iodide	3.92	142	54133	43.776	ug/l	99
11) Tert butyl alcohol	4.72	59	70551	253.699	ug/l	99
12) 1,1-Dichloroethene	3.71	96	73192	49.079	ug/l	97
13) Acrolein	3.57	56	97632	316.776	ug/l	99
14) Allyl chloride	4.29	41	137833	52.550	ug/l	98
15) Acrylonitrile	4.94	53	223778	273.652	ug/l	100
16) Acetone	3.77	43	261489	390.404	ug/l	99
17) Carbon Disulfide	4.03	76	194707	42.929	ug/l	99
18) Methyl Acetate	4.28	43	108508	57.555	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	271448	52.942	ug/l	97
20) Methylene Chloride	4.52	84	84596	51.343	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	78952	49.674	ug/l	97
22) Diisopropyl ether	5.91	45	313569	56.587	ug/l	98
23) Vinyl Acetate	5.85	43	1276557	282.342	ug/l	99
24) 1,1-Dichloroethane	5.81	63	163632	54.167	ug/l	99
25) 2-Butanone	6.79	43	343565	316.990	ug/l	97
26) 2,2-Dichloropropane	6.79	77	139547	58.712	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	93652	51.851	ug/l	96
28) Bromochloromethane	7.16	49	82912	57.366	ug/l	95
29) Tetrahydrofuran	7.17	42	202218	263.697	ug/l	98
30) Chloroform	7.34	83	155462	53.682	ug/l	99
31) Cyclohexane	7.63	56	146393	48.069	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	131132	52.525	ug/l	98
36) 1,1-Dichloropropene	7.77	75	118707	54.350	ug/l	99
37) Ethyl Acetate	6.89	43	126784	53.722	ug/l	99
38) Carbon Tetrachloride	7.75	117	103730	52.990	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	138371	53.311	ug/l	97
40) Benzene	8.01	78	353292	53.583	ug/l	99
41) Methacrylonitrile	7.14	41	55862m	55.464	ug/l	
42) 1,2-Dichloroethane	8.10	62	123744	54.917	ug/l	100
43) Isopropyl Acetate	8.13	43	220343	56.613	ug/l	99
44) Trichloroethene	8.81	130	89031	53.565	ug/l	98
45) 1,2-Dichloropropane	9.10	63	99891	57.416	ug/l	98
46) Dibromomethane	9.19	93	58421	55.544	ug/l	99
47) Bromodichloromethane	9.38	83	125178	57.273	ug/l	99
48) Methyl methacrylate	9.18	41	97260	56.127	ug/l	98
49) 1,4-Dioxane	9.18	88	22547	1094.668	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	641958	289.854	ug/l	99
52) Toluene	10.14	92	215040	54.004	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	145822	58.083	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	156169	56.701	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	85391	55.742	ug/l	99
56) Ethyl methacrylate	10.41	69	138109	57.820	ug/l	98
57) 1,3-Dichloropropane	10.69	76	150017	56.433	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	331244	279.023	ug/l	99
59) 2-Hexanone	10.74	43	492544	308.726	ug/l	99
60) Dibromochloromethane	10.89	129	89564	56.601	ug/l	99
61) 1,2-Dibromoethane	10.99	107	85338	55.400	ug/l	99
64) Tetrachloroethene	10.62	164	81643	49.829	ug/l	98
65) Chlorobenzene	11.42	112	223741	54.206	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	82533	55.225	ug/l	98
67) Ethyl Benzene	11.50	91	420382	54.766	ug/l	100
68) m/p-Xylenes	11.61	106	307938	107.956	ug/l	98
69) o-Xylene	11.94	106	148480	54.528	ug/l	99
70) Styrene	11.96	104	251535	56.481	ug/l	99
71) Bromoform	12.12	173	64237	51.658	ug/l #	100
73) Isopropylbenzene	12.24	105	402090	53.557	ug/l	99
74) N-amyl acetate	12.06	43	191098	55.083	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	125342	55.207	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	109606m	50.774	ug/l	
77) Bromobenzene	12.52	156	93851	51.877	ug/l	97
78) n-propylbenzene	12.59	91	485082	54.688	ug/l	98
79) 2-Chlorotoluene	12.67	91	281198	53.058	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	342298	53.725	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	45896	54.604	ug/l	99
82) 4-Chlorotoluene	12.77	91	296644	54.957	ug/l	99
83) tert-Butylbenzene	12.99	119	286644	54.272	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	341933	54.248	ug/l	100
85) sec-Butylbenzene	13.17	105	393462	55.400	ug/l	99
86) p-Isopropyltoluene	13.28	119	352582	55.208	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	173806	54.472	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	175196	54.651	ug/l	99
89) n-Butylbenzene	13.61	91	337869	58.596	ug/l	100
90) Hexachloroethane	13.87	117	55917	60.234	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	165894	54.374	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	24444	51.410	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	105306	56.206	ug/l	100
94) Hexachlorobutadiene	15.01	225	49071	53.427	ug/l	99
95) Naphthalene	15.13	128	296237	52.568	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	99446	53.888	ug/l	99

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

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