

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020620\
 Data File : VN060006.D
 Acq On : 6 Feb 2020 9:51
 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
 2/7/2020 1:44:29 PM

Quant Time: Feb 06 17:05:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	303803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	281482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143204	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	109559	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
35) Dibromofluoromethane	7.57	113	90205	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	
50) Toluene-d8	10.08	98	336926	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.40	95	131286	51.88	ug/l	0.00
Spiked Amount			Recovery	=	103.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	91812	39.900	ug/l	98
3) Chloromethane	2.04	50	91979	41.273	ug/l	100
4) Vinyl Chloride	2.17	62	121298	47.571	ug/l	98
5) Bromomethane	2.53	94	68962	44.318	ug/l	100
6) Chloroethane	2.68	64	56622	46.937	ug/l	97
7) Trichlorofluoromethane	3.00	101	145496	47.514	ug/l	99
8) Diethyl Ether	3.38	74	53321	49.617	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.74	101	86243	50.603	ug/l	95
10) Methyl Iodide	3.93	142	111029	40.304	ug/l	96
11) Tert butyl alcohol	4.73	59	84185	231.337	ug/l	99
12) 1,1-Dichloroethene	3.72	96	79496	44.639	ug/l	92
13) Acrolein	3.58	56	51300	199.145	ug/l	98
14) Allyl chloride	4.29	41	118255	49.265	ug/l #	86
15) Acrylonitrile	4.94	53	216462	260.767	ug/l	99
16) Acetone	3.78	43	257752	353.751	ug/l	99
17) Carbon Disulfide	4.03	76	190018	37.456	ug/l	99
18) Methyl Acetate	4.28	43	133208	52.756	ug/l	93
19) Methyl tert-butyl Ether	5.00	73	300548	51.761	ug/l	94
20) Methylene Chloride	4.52	84	94167	48.100	ug/l	90
21) trans-1,2-Dichloroethene	5.01	96	86508	45.698	ug/l	90
22) Diisopropyl ether	5.91	45	286550	52.677	ug/l	95
23) Vinyl Acetate	5.86	43	1097252	260.525	ug/l	96
24) 1,1-Dichloroethane	5.82	63	167803	50.485	ug/l	98
25) 2-Butanone	6.80	43	333076	272.090	ug/l	94
26) 2,2-Dichloropropane	6.80	77	162439	50.834	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	108592	49.874	ug/l	90
28) Bromochloromethane	7.17	49	66108	49.762	ug/l #	80
29) Tetrahydrofuran	7.18	42	186167	245.797	ug/l	89
30) Chloroform	7.35	83	180582	52.435	ug/l	99
31) Cyclohexane	7.63	56	136758	42.759	ug/l	89
32) 1,1,1-Trichloroethane	7.54	97	161391	50.684	ug/l	97
36) 1,1-Dichloropropene	7.77	75	126819	47.935	ug/l	97
37) Ethyl Acetate	6.90	43	121132	48.817	ug/l	97
38) Carbon Tetrachloride	7.75	117	141956	49.326	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	149788	45.917	ug/l	93
40) Benzene	8.02	78	378058	47.915	ug/l	99
41) Methacrylonitrile	7.15	41	57136m	46.748	ug/l	
42) 1,2-Dichloroethane	8.10	62	141600	52.931	ug/l	98
43) Isopropyl Acetate	8.14	43	213534	50.031	ug/l	96
44) Trichloroethene	8.82	130	108577	50.408	ug/l	94
45) 1,2-Dichloropropane	9.10	63	99468	50.945	ug/l	99
46) Dibromomethane	9.19	93	70370	51.094	ug/l	93
47) Bromodichloromethane	9.39	83	146602	52.822	ug/l	99
48) Methyl methacrylate	9.18	41	94856	49.687	ug/l	91
49) 1,4-Dioxane	9.18	88	34219	979.125	ug/l	93
51) 4-Methyl-2-Pentanone	9.97	43	631928	256.128	ug/l	96
52) Toluene	10.14	92	248404	49.842	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	167452	54.034	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	171895	52.717	ug/l	95
55) 1,1,2-Trichloroethane	10.55	97	101474	51.408	ug/l	98
56) Ethyl methacrylate	10.42	69	152127	50.438	ug/l	94
57) 1,3-Dichloropropane	10.70	76	167991	53.606	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	243875	268.449	ug/l	93
59) 2-Hexanone	10.74	43	504502	277.562	ug/l	96
60) Dibromochloromethane	10.89	129	121009	53.835	ug/l	100
61) 1,2-Dibromoethane	11.00	107	106600	51.526	ug/l	99
64) Tetrachloroethene	10.62	164	105736	46.090	ug/l	96
65) Chlorobenzene	11.43	112	275721	49.835	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	110110	51.506	ug/l	98
67) Ethyl Benzene	11.50	91	499461	49.730	ug/l	98
68) m/p-Xylenes	11.62	106	377301	99.451	ug/l	95
69) o-Xylene	11.94	106	183265	49.342	ug/l	97
70) Styrene	11.96	104	312006	50.201	ug/l	97
71) Bromoform	12.12	173	91860	53.644	ug/l #	98
73) Isopropylbenzene	12.25	105	503024	47.896	ug/l	100
74) N-amyl acetate	12.07	43	193957	47.593	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	148258	48.694	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	136865m	56.791	ug/l	
77) Bromobenzene	12.52	156	127823	48.060	ug/l	85
78) n-propylbenzene	12.59	91	577929	49.027	ug/l	98
79) 2-Chlorotoluene	12.67	91	341064	48.635	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	425909	48.220	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	56347	50.210	ug/l	96
82) 4-Chlorotoluene	12.77	91	352340	50.092	ug/l	97
83) tert-Butylbenzene	12.99	119	372460	48.757	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	425217	48.662	ug/l	99
85) sec-Butylbenzene	13.17	105	492938	49.114	ug/l	99
86) p-Isopropyltoluene	13.29	119	454592	48.950	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	233086	50.452	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	231276	50.181	ug/l	97
89) n-Butylbenzene	13.61	91	406404	51.324	ug/l	99
90) Hexachloroethane	13.87	117	84184	48.450	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	225428	49.357	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32019	48.952	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	140986	51.372	ug/l	99
94) Hexachlorobutadiene	15.01	225	74871	49.506	ug/l	100
95) Naphthalene	15.13	128	370680	47.486	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	132236	49.502	ug/l	99

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

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