

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064237.D
 Acq On : 21 Oct 2020 23:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 2:10:31 PM

Quant Time: Oct 22 02:45:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	236363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	408369	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	369432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	177323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	196840	56.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.16%	
35) Dibromofluoromethane	7.54	113	136110	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
50) Toluene-d8	10.06	98	474243	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.38	95	191353	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	138799	48.098	ug/l	100
3) Chloromethane	2.04	50	152117	55.683	ug/l	99
4) Vinyl Chloride	2.16	62	140979	52.052	ug/l	97
5) Bromomethane	2.53	94	98760	55.942	ug/l	98
6) Chloroethane	2.67	64	87750	53.222	ug/l	100
7) Trichlorofluoromethane	2.99	101	233178	52.353	ug/l	98
8) Diethyl Ether	3.37	74	88230	59.885	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	112398	48.801	ug/l	97
10) Methyl Iodide	3.91	142	177652	54.242	ug/l	99
11) Tert butyl alcohol	4.72	59	135826	289.070	ug/l	98
12) 1,1-Dichloroethene	3.69	96	113531	51.249	ug/l	99
13) Acrolein	3.56	56	64607	219.041	ug/l	98
14) Allyl chloride	4.27	41	225717	50.909	ug/l	92
15) Acrylonitrile	4.92	53	295125	303.748	ug/l	99
16) Acetone	3.77	43	306491	305.165	ug/l	99
17) Carbon Disulfide	4.01	76	322707	51.069	ug/l	98
18) Methyl Acetate	4.27	43	152778	59.696	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	458518	60.205	ug/l	96
20) Methylene Chloride	4.50	84	151263	56.481	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	131209	53.713	ug/l	95
22) Diisopropyl ether	5.90	45	473163	57.408	ug/l	97
23) Vinyl Acetate	5.84	43	2200713	299.402	ug/l	99
24) 1,1-Dichloroethane	5.79	63	273183	57.214	ug/l	100
25) 2-Butanone	6.78	43	463811	290.668	ug/l	100
26) 2,2-Dichloropropane	6.78	77	215560	45.348	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	160113	56.283	ug/l	97
28) Bromochloromethane	7.15	49	133119	58.687	ug/l	98
29) Tetrahydrofuran	7.16	42	285687	299.309	ug/l	99
30) Chloroform	7.33	83	290778	57.093	ug/l	97
31) Cyclohexane	7.61	56	189767	45.605	ug/l	95
32) 1,1,1-Trichloroethane	7.52	97	258174	54.111	ug/l	98
36) 1,1-Dichloropropene	7.75	75	197241	48.448	ug/l	98
37) Ethyl Acetate	6.87	43	201876	54.614	ug/l	99
38) Carbon Tetrachloride	7.73	117	222181	47.966	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	171078	46.213	ug/l	99
40) Benzene	8.00	78	579108	51.530	ug/l	99
41) Methacrylonitrile	7.12	41	83614	43.122	ug/l #	82
42) 1,2-Dichloroethane	8.08	62	265073	55.059	ug/l	99
43) Isopropyl Acetate	8.12	43	388415	56.383	ug/l	99
44) Trichloroethene	8.80	130	153133	50.003	ug/l	95
45) 1,2-Dichloropropane	9.08	63	161845	53.944	ug/l	98
46) Dibromomethane	9.17	93	113330	56.255	ug/l	95
47) Bromodichloromethane	9.37	83	252330	56.693	ug/l	98
48) Methyl methacrylate	9.16	41	193447	53.755	ug/l	99
49) 1,4-Dioxane	9.16	88	44556	1058.193	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1026202	278.725	ug/l	99
52) Toluene	10.12	92	366121	50.914	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	270235	54.656	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	277540	53.313	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	153992	56.700	ug/l	98
56) Ethyl methacrylate	10.40	69	238547	56.805	ug/l	99
57) 1,3-Dichloropropane	10.68	76	264589	56.087	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	603494	279.080	ug/l	100
59) 2-Hexanone	10.72	43	746716	277.710	ug/l	99
60) Dibromochloromethane	10.87	129	191988	54.606	ug/l	100
61) 1,2-Dibromoethane	10.97	107	163977	57.216	ug/l	99
64) Tetrachloroethene	10.60	164	147417	49.566	ug/l	96
65) Chlorobenzene	11.41	112	401762	52.539	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	163075	53.724	ug/l	100
67) Ethyl Benzene	11.48	91	713386	50.762	ug/l	98
68) m/p-Xylenes	11.59	106	525147	100.856	ug/l	98
69) o-Xylene	11.92	106	257948	51.223	ug/l	98
70) Styrene	11.94	104	446792	52.931	ug/l	99
71) Bromoform	12.10	173	130277	55.559	ug/l #	100
73) Isopropylbenzene	12.22	105	661933	48.944	ug/l	100
74) N-amyl acetate	12.04	43	329533	56.390	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	199520	55.593	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	190184m	50.875	ug/l	
77) Bromobenzene	12.50	156	171204	53.622	ug/l	99
78) n-propylbenzene	12.57	91	754072	49.452	ug/l	99
79) 2-Chlorotoluene	12.65	91	478072	51.043	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	571786	50.009	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	77455	52.311	ug/l	98
82) 4-Chlorotoluene	12.75	91	506929	51.887	ug/l	100
83) tert-Butylbenzene	12.97	119	454463	48.480	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	581853	51.130	ug/l	99
85) sec-Butylbenzene	13.14	105	580454	49.117	ug/l	100
86) p-Isopropyltoluene	13.26	119	541172	50.287	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	293822	51.719	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	297322	51.131	ug/l	99
89) n-Butylbenzene	13.59	91	471078	48.832	ug/l	99
90) Hexachloroethane	13.85	117	92206	47.309	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	291466	52.296	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	48528	54.199	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	169013	54.069	ug/l	98
94) Hexachlorobutadiene	14.98	225	73081	43.347	ug/l	99
95) Naphthalene	15.10	128	535355	57.189	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	161963	52.314	ug/l	98

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

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