

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
 Data File : VN064570.D
 Acq On : 11 Nov 2020 21:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/12/2020 9:13:18 AM

Quant Time: Nov 12 03:12:40 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	290612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	537775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	503282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	241569	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	253196	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	7.55	113	175939	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	10.06	98	672681	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
62) 4-Bromofluorobenzene	12.38	95	252713	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	181092	47.870	ug/l	98
3) Chloromethane	2.04	50	211516	46.032	ug/l	98
4) Vinyl Chloride	2.17	62	230682	48.887	ug/l	98
5) Bromomethane	2.53	94	149945	49.742	ug/l	95
6) Chloroethane	2.67	64	157526	52.142	ug/l	95
7) Trichlorofluoromethane	2.99	101	365842	52.653	ug/l	96
8) Diethyl Ether	3.37	74	130756	53.290	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	160676	48.697	ug/l	100
10) Methyl Iodide	3.90	142	208323	54.337	ug/l	99
11) Tert butyl alcohol	4.75	59	147642	264.480	ug/l	99
12) 1,1-Dichloroethene	3.69	96	157757	50.758	ug/l	93
13) Acrolein	3.57	56	120474	347.923	ug/l	97
14) Allyl chloride	4.27	41	293527	48.278	ug/l	98
15) Acrylonitrile	4.94	53	450364	289.774	ug/l	99
16) Acetone	3.78	43	409022	212.125	ug/l	99
17) Carbon Disulfide	4.00	76	452523	48.687	ug/l	100
18) Methyl Acetate	4.29	43	228635	60.313	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	573198	51.242	ug/l	100
20) Methylene Chloride	4.50	84	192352	50.279	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	178396	50.553	ug/l	95
22) Diisopropyl ether	5.91	45	662373	51.323	ug/l	98
23) Vinyl Acetate	5.85	43	2719223	258.996	ug/l	98
24) 1,1-Dichloroethane	5.80	63	358314	50.524	ug/l	100
25) 2-Butanone	6.79	43	626734	255.100	ug/l	98
26) 2,2-Dichloropropane	6.78	77	270445	42.126	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	204340	49.971	ug/l	96
28) Bromochloromethane	7.15	49	177132	50.813	ug/l	97
29) Tetrahydrofuran	7.17	42	416809	276.524	ug/l	100
30) Chloroform	7.33	83	388636	52.133	ug/l	98
31) Cyclohexane	7.61	56	279438	45.412	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	342745	51.837	ug/l	98
36) 1,1-Dichloropropene	7.76	75	270531	47.619	ug/l	98
37) Ethyl Acetate	6.89	43	267171	46.391	ug/l	98
38) Carbon Tetrachloride	7.73	117	303361	49.962	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	238537	46.838	ug/l	97
40) Benzene	8.00	78	808403	48.424	ug/l	100
41) Methacrylonitrile	7.13	41	110018	43.680	ug/l	92
42) 1,2-Dichloroethane	8.09	62	333669	49.527	ug/l	98
43) Isopropyl Acetate	8.13	43	461697	50.147	ug/l	100
44) Trichloroethene	8.80	130	199319	47.322	ug/l	97
45) 1,2-Dichloropropane	9.09	63	219141	49.196	ug/l	95
46) Dibromomethane	9.18	93	153270	52.269	ug/l	98
47) Bromodichloromethane	9.37	83	322917	51.216	ug/l	99
48) Methyl methacrylate	9.17	41	243821	52.482	ug/l	98
49) 1,4-Dioxane	9.17	88	66820	1091.972	ug/l	98
51) 4-Methyl-2-Pentanone	9.96	43	1448992	269.871	ug/l	99
52) Toluene	10.13	92	514558	50.535	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	330644	49.465	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	342276	47.892	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	206789	52.075	ug/l	99
56) Ethyl methacrylate	10.40	69	296321	45.526	ug/l	98
57) 1,3-Dichloropropane	10.68	76	349322	50.398	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	787193	254.559	ug/l	97
59) 2-Hexanone	10.72	43	1057404	241.649	ug/l	100
60) Dibromochloromethane	10.87	129	240470	54.088	ug/l	99
61) 1,2-Dibromoethane	10.98	107	212529	52.765	ug/l	99
64) Tetrachloroethene	10.60	164	186699	48.158	ug/l	98
65) Chlorobenzene	11.41	112	540867	49.022	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	211293	51.334	ug/l	97
67) Ethyl Benzene	11.49	91	978553	49.863	ug/l	99
68) m/p-Xylenes	11.60	106	738108	103.708	ug/l	99
69) o-Xylene	11.92	106	345208	50.194	ug/l	98
70) Styrene	11.94	104	610164	52.724	ug/l	99
71) Bromoform	12.10	173	157297	50.873	ug/l #	100
73) Isopropylbenzene	12.23	105	921923	48.015	ug/l	100
74) N-amyl acetate	12.05	43	419318	45.149	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	296925	50.347	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	284832m	48.664	ug/l	
77) Bromobenzene	12.50	156	225948	48.200	ug/l	98
78) n-propylbenzene	12.57	91	1070532	48.905	ug/l	100
79) 2-Chlorotoluene	12.65	91	669421	48.216	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	785961	49.619	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	97733	46.622	ug/l	98
82) 4-Chlorotoluene	12.75	91	714066	49.111	ug/l	100
83) tert-Butylbenzene	12.97	119	615086	49.719	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	798328	50.135	ug/l	99
85) sec-Butylbenzene	13.15	105	811239	51.777	ug/l	100
86) p-Isopropyltoluene	13.26	119	726980	51.585	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	399537	49.305	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	398757	47.617	ug/l	98
89) n-Butylbenzene	13.59	91	595835	49.173	ug/l	99
90) Hexachloroethane	13.85	117	141341	51.990	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	393621	50.499	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	63318	53.925	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	172136	44.705	ug/l	99
94) Hexachlorobutadiene	14.98	225	83068	52.343	ug/l	99
95) Naphthalene	15.11	128	562788	43.022	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	176985	47.350	ug/l	98

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

