

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063934.D
 Acq On : 7 Oct 2020 10:21
 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
 10/8/2020 10:08:32 AM

Quant Time: Oct 08 05:13:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	289025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	444050	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	418919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	210199	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	217058	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	
35) Dibromofluoromethane	7.55	113	151013	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.06	98	570825	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.38	95	210712	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	139077	45.603	ug/l	100
3) Chloromethane	2.04	50	156833	43.828	ug/l	99
4) Vinyl Chloride	2.16	62	159583	44.428	ug/l	97
5) Bromomethane	2.53	94	93340	41.313	ug/l	99
6) Chloroethane	2.67	64	102389	47.703	ug/l	99
7) Trichlorofluoromethane	2.98	101	264103	46.360	ug/l	99
8) Diethyl Ether	3.37	74	88409	45.888	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	143810	47.230	ug/l	97
10) Methyl Iodide	3.91	142	167088	47.261	ug/l	100
11) Tert butyl alcohol	4.73	59	129200	245.085	ug/l	100
12) 1,1-Dichloroethene	3.70	96	132413	45.496	ug/l	99
13) Acrolein	3.57	56	69383	214.447	ug/l	97
14) Allyl chloride	4.28	41	266435	49.276	ug/l	92
15) Acrylonitrile	4.93	53	379353	251.398	ug/l	98
16) Acetone	3.77	43	375191	255.255	ug/l	95
17) Carbon Disulfide	4.01	76	353168	44.968	ug/l	100
18) Methyl Acetate	4.28	43	198975	52.137	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	502499	47.523	ug/l	100
20) Methylene Chloride	4.50	84	163648	48.610	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	147442	45.228	ug/l	97
22) Diisopropyl ether	5.90	45	583767	52.475	ug/l	97
23) Vinyl Acetate	5.84	43	2354460	255.499	ug/l	99
24) 1,1-Dichloroethane	5.80	63	305442	48.020	ug/l	98
25) 2-Butanone	6.78	43	557743	267.643	ug/l	98
26) 2,2-Dichloropropane	6.78	77	273790	47.003	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	176133	46.978	ug/l	97
28) Bromochloromethane	7.15	49	152066	48.370	ug/l	99
29) Tetrahydrofuran	7.16	42	367616	263.022	ug/l	96
30) Chloroform	7.33	83	323309	48.748	ug/l	96
31) Cyclohexane	7.61	56	249555	45.018	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	290506	48.563	ug/l	99
36) 1,1-Dichloropropene	7.75	75	227498	50.570	ug/l	99
37) Ethyl Acetate	6.88	43	231974	51.902	ug/l	98
38) Carbon Tetrachloride	7.73	117	256947	50.936	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	216307	48.216	ug/l	98
40) Benzene	8.00	78	649335	50.535	ug/l	99
41) Methacrylonitrile	7.13	41	96751m	48.706	ug/l	
42) 1,2-Dichloroethane	8.08	62	282129	51.437	ug/l	98
43) Isopropyl Acetate	8.13	43	398213	54.015	ug/l #	91
44) Trichloroethene	8.80	130	169218	50.262	ug/l	96
45) 1,2-Dichloropropane	9.08	63	182185	52.500	ug/l	99
46) Dibromomethane	9.17	93	120819	50.469	ug/l	100
47) Bromodichloromethane	9.37	83	257812	52.255	ug/l	100
48) Methyl methacrylate	9.16	41	202746	55.664	ug/l	92
49) 1,4-Dioxane	9.16	88	51199	989.054	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1224272	282.980	ug/l	99
52) Toluene	10.13	92	416845	52.448	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	278381	52.638	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	291646	52.729	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	169101	53.054	ug/l	98
56) Ethyl methacrylate	10.40	69	249225	55.164	ug/l	98
57) 1,3-Dichloropropane	10.68	76	281919	52.281	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	658361	272.425	ug/l	99
59) 2-Hexanone	10.72	43	891794	277.482	ug/l	100
60) Dibromochloromethane	10.87	129	194589	52.423	ug/l	100
61) 1,2-Dibromoethane	10.98	107	174487	53.517	ug/l	100
64) Tetrachloroethene	10.60	164	158716	48.971	ug/l	99
65) Chlorobenzene	11.41	112	441573	51.386	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	175868	53.383	ug/l	100
67) Ethyl Benzene	11.48	91	823447	52.661	ug/l	98
68) m/p-Xylenes	11.60	106	612794	105.151	ug/l	99
69) o-Xylene	11.92	106	287945	52.863	ug/l	99
70) Styrene	11.94	104	510309	55.191	ug/l	98
71) Bromoform	12.10	173	133632	53.037	ug/l #	99
73) Isopropylbenzene	12.22	105	782658	51.048	ug/l	99
74) N-amyl acetate	12.05	43	353989	49.690	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	241474	51.506	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	226329m	48.845	ug/l	
77) Bromobenzene	12.50	156	194132	51.603	ug/l	99
78) n-propylbenzene	12.57	91	911216	51.068	ug/l	100
79) 2-Chlorotoluene	12.65	91	565254	51.509	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	668966	52.009	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	83013	51.599	ug/l	98
82) 4-Chlorotoluene	12.75	91	596062	52.323	ug/l	100
83) tert-Butylbenzene	12.97	119	534766	50.827	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	668741	52.074	ug/l	98
85) sec-Butylbenzene	13.15	105	698842	50.571	ug/l	100
86) p-Isopropyltoluene	13.26	119	638997	52.269	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	347666	51.082	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	348672	49.202	ug/l	99
89) n-Butylbenzene	13.59	91	555330	49.217	ug/l	99
90) Hexachloroethane	13.85	117	118378	49.971	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	348986	51.769	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52530	47.777	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	165918	45.428	ug/l	98
94) Hexachlorobutadiene	14.98	225	98920	54.115	ug/l	97
95) Naphthalene	15.10	128	479016	42.533	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	160766	45.369	ug/l	99

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

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