

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063979.D
 Acq On : 8 Oct 2020 7:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 10:10:01 AM

Quant Time: Oct 08 07:38:42 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	7.63	168	273871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	450487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	425461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	206744	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	215116	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	7.55	113	152942	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	10.06	98	558979	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
62) 4-Bromofluorobenzene	12.38	95	211177	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	127087	43.978	ug/l	98
3) Chloromethane	2.04	50	148520	43.801	ug/l	99
4) Vinyl Chloride	2.16	62	156099	45.862	ug/l	97
5) Bromomethane	2.52	94	61641	28.792	ug/l	99
6) Chloroethane	2.67	64	101936	50.120	ug/l	97
7) Trichlorofluoromethane	2.98	101	248735	46.078	ug/l	97
8) Diethyl Ether	3.37	74	90413	49.524	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	134453	46.600	ug/l	97
10) Methyl Iodide	3.91	142	103703	30.956	ug/l	99
11) Tert butyl alcohol	4.73	59	162021	324.351	ug/l	99
12) 1,1-Dichloroethene	3.69	96	127926	46.386	ug/l	99
13) Acrolein	3.57	56	59833	195.163	ug/l	98
14) Allyl chloride	4.28	41	261659	51.070	ug/l	91
15) Acrylonitrile	4.93	53	422486	295.474	ug/l	100
16) Acetone	3.78	43	403201	289.490	ug/l	96
17) Carbon Disulfide	4.01	76	344157	46.225	ug/l	100
18) Methyl Acetate	4.28	43	224738	62.147	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	515391	51.439	ug/l	99
20) Methylene Chloride	4.50	84	162796	51.028	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	147184	47.647	ug/l	98
22) Diisopropyl ether	5.90	45	592406	56.199	ug/l	97
23) Vinyl Acetate	5.84	43	2434815	278.839	ug/l	99
24) 1,1-Dichloroethane	5.80	63	302990	50.270	ug/l	99
25) 2-Butanone	6.78	43	615284	311.592	ug/l	99
26) 2,2-Dichloropropane	6.78	77	174532	31.621	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	171909	48.389	ug/l	97
28) Bromochloromethane	7.15	49	158466	53.195	ug/l	98
29) Tetrahydrofuran	7.17	42	422596	319.089	ug/l	96
30) Chloroform	7.33	83	314299	50.012	ug/l	96
31) Cyclohexane	7.61	56	242149	46.099	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	281768	49.708	ug/l	99
36) 1,1-Dichloropropene	7.75	75	220210	48.251	ug/l	99
37) Ethyl Acetate	6.88	43	256006	56.460	ug/l	99
38) Carbon Tetrachloride	7.73	117	246642	48.194	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	199620	43.860	ug/l	98
40) Benzene	8.00	78	660215	50.647	ug/l	100
41) Methacrylonitrile	7.12	41	117092	58.104	ug/l #	91
42) 1,2-Dichloroethane	8.08	62	274587	49.347	ug/l	100
43) Isopropyl Acetate	8.13	43	425683	56.917	ug/l #	92
44) Trichloroethene	8.80	130	162743	47.648	ug/l	99
45) 1,2-Dichloropropane	9.08	63	182143	51.738	ug/l	99
46) Dibromomethane	9.17	93	122229	50.329	ug/l	98
47) Bromodichloromethane	9.37	83	256950	51.336	ug/l	99
48) Methyl methacrylate	9.16	41	212904	57.617	ug/l	92
49) 1,4-Dioxane	9.17	88	62341	1187.085	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1353834	308.456	ug/l	100
52) Toluene	10.13	92	411251	51.005	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	259317	48.332	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	273444	48.732	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	170313	52.671	ug/l	97
56) Ethyl methacrylate	10.40	69	255978	55.849	ug/l	95
57) 1,3-Dichloropropane	10.68	76	289923	52.997	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	679705	277.238	ug/l	99
59) 2-Hexanone	10.72	43	998474	306.236	ug/l	100
60) Dibromochloromethane	10.87	129	196947	52.300	ug/l	100
61) 1,2-Dibromoethane	10.98	107	174349	52.711	ug/l	98
64) Tetrachloroethene	10.60	164	149897	45.538	ug/l	99
65) Chlorobenzene	11.41	112	432585	49.566	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	174677	52.207	ug/l	99
67) Ethyl Benzene	11.49	91	803370	50.587	ug/l	99
68) m/p-Xylenes	11.59	106	593976	100.354	ug/l	100
69) o-Xylene	11.92	106	280985	50.792	ug/l	100
70) Styrene	11.94	104	494661	52.676	ug/l	99
71) Bromoform	12.10	173	139011	54.323	ug/l #	100
73) Isopropylbenzene	12.23	105	752993	49.934	ug/l	99
74) N-amyl acetate	12.04	43	374932	53.340	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	248780	53.951	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	233393m	51.211	ug/l	
77) Bromobenzene	12.50	156	188326	50.896	ug/l	98
78) n-propylbenzene	12.57	91	866168	49.355	ug/l	100
79) 2-Chlorotoluene	12.65	91	534968	49.564	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	637885	50.421	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	72917	46.081	ug/l	99
82) 4-Chlorotoluene	12.75	91	558960	49.886	ug/l	99
83) tert-Butylbenzene	12.97	119	507998	49.090	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	652695	51.674	ug/l	99
85) sec-Butylbenzene	13.15	105	659103	48.492	ug/l	99
86) p-Isopropyltoluene	13.26	119	600280	49.923	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	334059	49.903	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	331296	47.532	ug/l	99
89) n-Butylbenzene	13.59	91	496087	44.701	ug/l	100
90) Hexachloroethane	13.85	117	115509	49.574	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	333388	50.282	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	57921	53.560	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	157240	43.835	ug/l	97
94) Hexachlorobutadiene	14.98	225	85756	47.705	ug/l	97
95) Naphthalene	15.10	128	486508	43.857	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	155075	44.525	ug/l	99

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

