

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090920\
 Data File : VN063287.D
 Acq On : 9 Sep 2020 17:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 4:04:32 PM

Quant Time: Sep 10 04:35:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	435693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	783648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	709905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	342229	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	367426	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
35) Dibromofluoromethane	7.55	113	270037	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
50) Toluene-d8	10.06	98	1027486	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
62) 4-Bromofluorobenzene	12.38	95	394232	58.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	191333	44.591	ug/l	98
3) Chloromethane	2.04	50	278371	44.553	ug/l	97
4) Vinyl Chloride	2.17	62	291476	42.232	ug/l	99
5) Bromomethane	2.52	94	181292	31.205	ug/l	99
6) Chloroethane	2.67	64	187327	34.136	ug/l	98
7) Trichlorofluoromethane	2.98	101	441109	46.020	ug/l	97
8) Diethyl Ether	3.37	74	161746	48.980	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	237980	50.729	ug/l	97
10) Methyl Iodide	3.91	142	326265	50.993	ug/l	99
11) Tert butyl alcohol	4.73	59	229246	262.217	ug/l	100
12) 1,1-Dichloroethene	3.70	96	232038	48.541	ug/l	97
13) Acrolein	3.57	56	67269	205.124	ug/l	96
14) Allyl chloride	4.28	41	470194	55.384	ug/l	97
15) Acrylonitrile	4.93	53	632225	258.088	ug/l	99
16) Acetone	3.77	43	548457	270.888	ug/l	99
17) Carbon Disulfide	4.01	76	628167	44.150	ug/l	99
18) Methyl Acetate	4.28	43	326026	62.802	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	871003	49.117	ug/l	99
20) Methylene Chloride	4.50	84	278347	48.881	ug/l	90
21) trans-1,2-Dichloroethene	4.99	96	253105	47.925	ug/l	91
22) Diisopropyl ether	5.90	45	991629	52.123	ug/l	99
23) Vinyl Acetate	5.84	43	4027395	265.307	ug/l	97
24) 1,1-Dichloroethane	5.80	63	529273	50.465	ug/l	97
25) 2-Butanone	6.78	43	877360	279.860	ug/l	98
26) 2,2-Dichloropropane	6.78	77	437029	45.991	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	308460	48.052	ug/l	96
28) Bromochloromethane	7.15	49	262014	47.818	ug/l	99
29) Tetrahydrofuran	7.16	42	582409	268.675	ug/l	96
30) Chloroform	7.33	83	529518	48.257	ug/l	98
31) Cyclohexane	7.61	56	446749	48.277	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	463216	48.990	ug/l	99
36) 1,1-Dichloropropene	7.75	75	388379	51.553	ug/l	98
37) Ethyl Acetate	6.88	43	380010	53.393	ug/l #	96
38) Carbon Tetrachloride	7.74	117	395296	51.740	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	420305	49.662	ug/l	96
40) Benzene	8.00	78	1145260	51.732	ug/l	99
41) Methacrylonitrile	7.12	41	154231	48.596	ug/l	88
42) 1,2-Dichloroethane	8.09	62	443128	53.585	ug/l	98
43) Isopropyl Acetate	8.13	43	688702	56.055	ug/l	98
44) Trichloroethene	8.80	130	295519	55.033	ug/l	100
45) 1,2-Dichloropropane	9.09	63	315861	53.887	ug/l	97
46) Dibromomethane	9.18	93	206429	53.143	ug/l	98
47) Bromodichloromethane	9.37	83	439855	52.829	ug/l	100
48) Methyl methacrylate	9.17	41	327155	59.068	ug/l	95
49) 1,4-Dioxane	9.17	88	91602	1069.288	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1970380	295.126	ug/l	99
52) Toluene	10.13	92	705730	51.174	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	477976	52.482	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	507718	53.109	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	278744	52.778	ug/l	98
56) Ethyl methacrylate	10.40	69	442477	55.051	ug/l	97
57) 1,3-Dichloropropane	10.68	76	497434	52.869	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	1084292	260.511	ug/l	97
59) 2-Hexanone	10.72	43	1446260	308.234	ug/l	97
60) Dibromochloromethane	10.87	129	319137	54.656	ug/l	99
61) 1,2-Dibromoethane	10.98	107	287337	52.335	ug/l	98
64) Tetrachloroethene	10.60	164	296110	58.086	ug/l	98
65) Chlorobenzene	11.41	112	755587	52.845	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	283919	53.482	ug/l	99
67) Ethyl Benzene	11.49	91	1417609	54.347	ug/l	100
68) m/p-Xylenes	11.59	106	1034545	107.087	ug/l	99
69) o-Xylene	11.92	106	502748	53.869	ug/l	97
70) Styrene	11.94	104	855959	53.367	ug/l	97
71) Bromoform	12.10	173	203145	56.387	ug/l #	99
73) Isopropylbenzene	12.23	105	1360449	51.829	ug/l	100
74) N-amyl acetate	12.05	43	612503	56.335	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	381223	50.376	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	348382m	51.811	ug/l	
77) Bromobenzene	12.50	156	309567	52.148	ug/l	100
78) n-propylbenzene	12.57	91	1589516	52.332	ug/l	99
79) 2-Chlorotoluene	12.65	91	952312	52.347	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1150353	52.652	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	136695	49.135	ug/l	94
82) 4-Chlorotoluene	12.75	91	990287	52.486	ug/l	99
83) tert-Butylbenzene	12.97	119	956283	51.035	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1158694	52.614	ug/l	98
85) sec-Butylbenzene	13.15	105	1255175	51.398	ug/l	100
86) p-Isopropyltoluene	13.26	119	1132373	52.229	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	576159	52.832	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	577297	51.124	ug/l	98
89) n-Butylbenzene	13.59	91	1029058	51.377	ug/l	99
90) Hexachloroethane	13.85	117	198674	49.502	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	568230	53.694	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	88774	53.358	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	318615	53.889	ug/l	99
94) Hexachlorobutadiene	14.98	225	122257	55.352	ug/l	98
95) Naphthalene	15.11	128	999577	50.673	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	301987	52.426	ug/l	98

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

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