

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063580.D
 Acq On : 23 Sep 2020 11:25
 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
 9/24/2020 1:37:45 PM

Quant Time: Sep 24 02:42:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	255859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	423326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	392239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	195873	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	198859	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
35) Dibromofluoromethane	7.55	113	140192	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
50) Toluene-d8	10.06	98	531064	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	12.38	95	207529	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	132052	45.556	ug/l	100
3) Chloromethane	2.04	50	154976	40.415	ug/l	98
4) Vinyl Chloride	2.17	62	157443	46.342	ug/l	98
5) Bromomethane	2.53	94	101121	50.130	ug/l	97
6) Chloroethane	2.67	64	95368	45.730	ug/l	96
7) Trichlorofluoromethane	2.99	101	251319	49.581	ug/l	100
8) Diethyl Ether	3.37	74	89740	45.415	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	138523	48.594	ug/l	99
10) Methyl Iodide	3.91	142	169653	45.712	ug/l	100
11) Tert butyl alcohol	4.72	59	113979	188.902	ug/l	99
12) 1,1-Dichloroethene	3.70	96	129249	44.764	ug/l	98
13) Acrolein	3.57	56	65267	291.888	ug/l	96
14) Allyl chloride	4.28	41	230729	40.399	ug/l	94
15) Acrylonitrile	4.93	53	341542	222.533	ug/l	100
16) Acetone	3.77	43	323839	231.355	ug/l	99
17) Carbon Disulfide	4.01	76	353919	42.140	ug/l	99
18) Methyl Acetate	4.28	43	164291	46.234	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	475398	44.177	ug/l	99
20) Methylene Chloride	4.50	84	154020	43.429	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	143486	44.854	ug/l	99
22) Diisopropyl ether	5.90	45	524294	45.012	ug/l	99
23) Vinyl Acetate	5.84	43	2167170	226.548	ug/l	99
24) 1,1-Dichloroethane	5.80	63	290484	45.679	ug/l	99
25) 2-Butanone	6.78	43	481327	223.583	ug/l	99
26) 2,2-Dichloropropane	6.78	77	254938	45.533	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	168395	46.508	ug/l	98
28) Bromochloromethane	7.15	49	129801	44.207	ug/l	95
29) Tetrahydrofuran	7.16	42	306926	208.750	ug/l	99
30) Chloroform	7.33	83	303340	47.544	ug/l	100
31) Cyclohexane	7.61	56	245213	40.765	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	265803	46.840	ug/l	100
36) 1,1-Dichloropropene	7.75	75	220913	48.984	ug/l	99
37) Ethyl Acetate	6.88	43	205478	46.422	ug/l	98
38) Carbon Tetrachloride	7.73	117	229227	49.791	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	227590	46.497	ug/l	99
40) Benzene	8.00	78	629096	48.865	ug/l	99
41) Methacrylonitrile	7.12	41	91541	45.982	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	259157	50.056	ug/l	99
43) Isopropyl Acetate	8.13	43	360263	45.518	ug/l #	89
44) Trichloroethene	8.80	130	156442	50.100	ug/l	95
45) 1,2-Dichloropropane	9.08	63	172361	49.156	ug/l	99
46) Dibromomethane	9.17	93	115584	50.154	ug/l	99
47) Bromodichloromethane	9.37	83	241399	50.420	ug/l	98
48) Methyl methacrylate	9.16	41	178549	45.917	ug/l	99
49) 1,4-Dioxane	9.16	88	47977	859.757	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1060133	239.258	ug/l	99
52) Toluene	10.12	92	398702	51.509	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	261908	49.001	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	281451	49.922	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	157981	51.384	ug/l	97
56) Ethyl methacrylate	10.40	69	236818	49.340	ug/l	98
57) 1,3-Dichloropropane	10.68	76	270008	48.699	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	612445	243.243	ug/l	98
59) 2-Hexanone	10.72	43	786281	244.941	ug/l	99
60) Dibromochloromethane	10.87	129	174657	50.284	ug/l	100
61) 1,2-Dibromoethane	10.98	107	162504	50.874	ug/l	99
64) Tetrachloroethene	10.60	164	143877	53.869	ug/l	99
65) Chlorobenzene	11.41	112	418407	50.252	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	158185	51.829	ug/l	100
67) Ethyl Benzene	11.48	91	795533	50.737	ug/l	99
68) m/p-Xylenes	11.60	106	574982	101.707	ug/l	99
69) o-Xylene	11.92	106	276004	51.250	ug/l	100
70) Styrene	11.94	104	482778	53.457	ug/l	99
71) Bromoform	12.10	173	115464	50.783	ug/l #	99
73) Isopropylbenzene	12.22	105	756866	48.220	ug/l	100
74) N-amyl acetate	12.05	43	331815	44.658	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	223261	45.938	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	218567m	45.083	ug/l	
77) Bromobenzene	12.50	156	176917	50.108	ug/l	97
78) n-propylbenzene	12.57	91	900657	49.266	ug/l	100
79) 2-Chlorotoluene	12.65	91	530669	48.424	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	649033	49.588	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	77255	43.688	ug/l	95
82) 4-Chlorotoluene	12.75	91	570164	49.241	ug/l	99
83) tert-Butylbenzene	12.97	119	514166	47.597	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	662378	50.102	ug/l	100
85) sec-Butylbenzene	13.14	105	694881	48.056	ug/l	99
86) p-Isopropyltoluene	13.26	119	627311	49.186	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	326122	49.834	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	328492	49.372	ug/l	100
89) n-Butylbenzene	13.59	91	578016	49.169	ug/l	100
90) Hexachloroethane	13.85	117	111093	45.745	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	318230	49.531	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	49158	42.476	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	181456	47.907	ug/l	98
94) Hexachlorobutadiene	14.98	225	86244	55.000	ug/l	99
95) Naphthalene	15.10	128	557401	44.543	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	166519	45.500	ug/l	96

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

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