

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
 Data File : VN063910.D
 Acq On : 6 Oct 2020 22:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/7/2020 12:11:58 PM

Quant Time: Oct 07 05:05:03 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	270939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	443547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	421023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	203836	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	216447	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
35) Dibromofluoromethane	7.55	113	151027	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	10.06	98	555926	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
62) 4-Bromofluorobenzene	12.38	95	212007	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	132861	46.473	ug/l	98
3) Chloromethane	2.04	50	151805	45.255	ug/l	99
4) Vinyl Chloride	2.16	62	153843	45.689	ug/l	100
5) Bromomethane	2.53	94	86805	40.985	ug/l	98
6) Chloroethane	2.67	64	98312	48.861	ug/l	98
7) Trichlorofluoromethane	2.99	101	261527	48.972	ug/l	100
8) Diethyl Ether	3.38	74	90475	50.095	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	135587	47.502	ug/l	98
10) Methyl Iodide	3.91	142	147742	44.578	ug/l	99
11) Tert butyl alcohol	4.73	59	124956	252.857	ug/l	100
12) 1,1-Dichloroethene	3.70	96	134027	49.124	ug/l	96
13) Acrolein	3.57	56	167843	553.394	ug/l	100
14) Allyl chloride	4.28	41	242455	47.834	ug/l	98
15) Acrylonitrile	4.93	53	376605	266.237	ug/l	99
16) Acetone	3.77	43	338952	245.994	ug/l	99
17) Carbon Disulfide	4.01	76	354753	48.134	ug/l	100
18) Methyl Acetate	4.28	43	196563	54.944	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	514658	51.922	ug/l	98
20) Methylene Chloride	4.50	84	160209	50.761	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	147919	48.403	ug/l	93
22) Diisopropyl ether	5.90	45	572804	54.927	ug/l	97
23) Vinyl Acetate	5.85	43	2334821	270.281	ug/l	100
24) 1,1-Dichloroethane	5.80	63	305954	51.311	ug/l	97
25) 2-Butanone	6.78	43	525832	269.174	ug/l	99
26) 2,2-Dichloropropane	6.78	77	242945	44.492	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	174458	49.637	ug/l	98
28) Bromochloromethane	7.15	49	150108	50.935	ug/l	100
29) Tetrahydrofuran	7.16	42	353392	269.723	ug/l	97
30) Chloroform	7.33	83	321720	51.747	ug/l	98
31) Cyclohexane	7.61	56	244864	47.121	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	294085	52.442	ug/l	98
36) 1,1-Dichloropropene	7.75	75	226663	50.442	ug/l	100
37) Ethyl Acetate	6.88	43	223542	50.072	ug/l	99
38) Carbon Tetrachloride	7.73	117	255255	50.658	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	207141	46.225	ug/l	99
40) Benzene	8.00	78	661155	51.513	ug/l	100
41) Methacrylonitrile	7.13	41	102709m	51.764	ug/l	
42) 1,2-Dichloroethane	8.09	62	281079	51.304	ug/l	100
43) Isopropyl Acetate	8.13	43	392698	53.328	ug/l	100
44) Trichloroethene	8.80	130	166911	49.633	ug/l	97
45) 1,2-Dichloropropane	9.08	63	180086	51.954	ug/l	99
46) Dibromomethane	9.17	93	121749	50.916	ug/l	99
47) Bromodichloromethane	9.37	83	260588	52.878	ug/l	100
48) Methyl methacrylate	9.17	41	203908	56.046	ug/l	92
49) 1,4-Dioxane	9.17	88	50387	974.471	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1190360	275.454	ug/l	99
52) Toluene	10.13	92	414595	52.224	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	274325	51.929	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	286042	51.775	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	165271	51.912	ug/l	99
56) Ethyl methacrylate	10.40	69	245617	54.427	ug/l	97
57) 1,3-Dichloropropane	10.68	76	285389	52.984	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	655202	271.425	ug/l	100
59) 2-Hexanone	10.72	43	865649	269.652	ug/l	98
60) Dibromochloromethane	10.87	129	195214	52.651	ug/l	99
61) 1,2-Dibromoethane	10.98	107	176886	54.315	ug/l	98
64) Tetrachloroethene	10.60	164	155419	47.714	ug/l	97
65) Chlorobenzene	11.41	112	441165	51.081	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	176883	53.423	ug/l	98
67) Ethyl Benzene	11.48	91	815409	51.886	ug/l	99
68) m/p-Xylenes	11.59	106	604696	103.242	ug/l	99
69) o-Xylene	11.92	106	288002	52.609	ug/l	99
70) Styrene	11.94	104	501942	54.015	ug/l	99
71) Bromoform	12.10	173	134265	53.021	ug/l #	98
73) Isopropylbenzene	12.23	105	775026	52.128	ug/l	100
74) N-amyl acetate	12.04	43	353630	51.123	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	238881	52.543	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	220495m	49.071	ug/l	
77) Bromobenzene	12.50	156	192303	52.712	ug/l	100
78) n-propylbenzene	12.57	91	882560	51.006	ug/l	100
79) 2-Chlorotoluene	12.65	91	548885	51.579	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	661107	53.002	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	79264	50.807	ug/l	99
82) 4-Chlorotoluene	12.75	91	579174	52.427	ug/l	98
83) tert-Butylbenzene	12.97	119	527901	51.741	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	658602	52.886	ug/l	98
85) sec-Butylbenzene	13.15	105	683444	51.000	ug/l	100
86) p-Isopropyltoluene	13.26	119	618812	52.198	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	342621	51.912	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	337194	49.068	ug/l	99
89) n-Butylbenzene	13.59	91	521009	47.616	ug/l	99
90) Hexachloroethane	13.85	117	119212	51.894	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	340291	52.055	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52809	49.530	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	161547	45.605	ug/l	99
94) Hexachlorobutadiene	14.98	225	92553	52.215	ug/l	99
95) Naphthalene	15.10	128	492036	44.939	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	157511	45.822	ug/l	100

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

