

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062059.D
 Acq On : 24 Jun 2020 10:54
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 6:10:10 PM

Quant Time: Jun 24 11:28:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 11:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	270980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	473377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	448231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	215783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	172060	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
35) Dibromofluoromethane	7.55	113	140636	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
50) Toluene-d8	10.06	98	565517	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.38	95	192319	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	143321	47.251	ug/l	100
3) Chloromethane	2.03	50	181879	48.954	ug/l	100
4) Vinyl Chloride	2.16	62	222709	50.225	ug/l	100
5) Bromomethane	2.52	94	143977	42.964	ug/l	100
6) Chloroethane	2.66	64	155109	51.203	ug/l	100
7) Trichlorofluoromethane	2.98	101	249264	47.397	ug/l	100
8) Diethyl Ether	3.37	74	95612	52.853	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	142814	51.687	ug/l	100
10) Methyl Iodide	3.91	142	172601	57.249	ug/l	100
11) Tert butyl alcohol	4.73	59	129735	254.956	ug/l	100
12) 1,1-Dichloroethene	3.69	96	143415	51.889	ug/l	100
13) Acrolein	3.56	56	130440	374.559	ug/l	100
14) Allyl chloride	4.27	41	204176	55.008	ug/l	100
15) Acrylonitrile	4.93	53	358080	281.823	ug/l	100
16) Acetone	3.77	43	302018	272.120	ug/l	100
17) Carbon Disulfide	4.00	76	435435	53.547	ug/l	100
18) Methyl Acetate	4.27	43	134674	44.412	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	477310	51.854	ug/l	100
20) Methylene Chloride	4.50	84	171869	48.785	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	163054	51.399	ug/l	100
22) Diisopropyl ether	5.90	45	451580	53.249	ug/l	100
23) Vinyl Acetate	5.84	43	1930791	286.341	ug/l	100
24) 1,1-Dichloroethane	5.80	63	285309	51.667	ug/l	100
25) 2-Butanone	6.78	43	449311	280.375	ug/l	100
26) 2,2-Dichloropropane	6.78	77	244053	52.256	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	184474	50.478	ug/l	100
28) Bromochloromethane	7.15	49	124428	50.420	ug/l	100
29) Tetrahydrofuran	7.17	42	298648	282.710	ug/l	100
30) Chloroform	7.33	83	293161	49.976	ug/l	100
31) Cyclohexane	7.61	56	242707	50.131	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	250104	50.136	ug/l	100
36) 1,1-Dichloropropene	7.75	75	222510	51.420	ug/l	100
37) Ethyl Acetate	6.88	43	190292	55.509	ug/l	100
38) Carbon Tetrachloride	7.73	117	211018	49.516	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	250173	53.663	ug/l	100
40) Benzene	8.00	78	684812	51.989	ug/l	100
41) Methacrylonitrile	7.12	41	83542	55.927	ug/l	100
42) 1,2-Dichloroethane	8.09	62	232783	51.883	ug/l	100
43) Isopropyl Acetate	8.13	43	309460	53.917	ug/l	100
44) Trichloroethene	8.80	130	168632	49.107	ug/l	100
45) 1,2-Dichloropropane	9.09	63	169604	52.458	ug/l	100
46) Dibromomethane	9.18	93	115572	51.065	ug/l	100
47) Bromodichloromethane	9.37	83	238247	51.254	ug/l	100
48) Methyl methacrylate	9.17	41	142101	54.187	ug/l	100
49) 1,4-Dioxane	9.17	88	66727	1105.829	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	947970	277.734	ug/l	100
52) Toluene	10.12	92	440898	53.430	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	265189	53.425	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	284627	52.907	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	171273	52.694	ug/l	100
56) Ethyl methacrylate	10.40	69	241806	55.573	ug/l	100
57) 1,3-Dichloropropane	10.68	76	288830	52.424	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	449013	262.067	ug/l	100
59) 2-Hexanone	10.72	43	703806	286.986	ug/l	100
60) Dibromochloromethane	10.87	129	180386	50.183	ug/l	100
61) 1,2-Dibromoethane	10.98	107	174197	51.523	ug/l	100
64) Tetrachloroethene	10.60	164	141464	49.660	ug/l	100
65) Chlorobenzene	11.41	112	461198	48.760	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	164623	50.093	ug/l	100
67) Ethyl Benzene	11.48	91	827562	52.072	ug/l	100
68) m/p-Xylenes	11.59	106	645363	105.290	ug/l	100
69) o-Xylene	11.92	106	306695	52.576	ug/l	100
70) Styrene	11.94	104	522799	53.529	ug/l	100
71) Bromoform	12.10	173	120925	50.598	ug/l #	100
73) Isopropylbenzene	12.22	105	803592	52.147	ug/l	100
74) N-amyl acetate	12.05	43	279531	55.964	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	254517	50.416	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	232810m	54.188	ug/l	
77) Bromobenzene	12.50	156	192459	49.645	ug/l	100
78) n-propylbenzene	12.57	91	934183	52.901	ug/l	100
79) 2-Chlorotoluene	12.65	91	546619	51.583	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	667303	52.436	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	84612	53.387	ug/l	100
82) 4-Chlorotoluene	12.75	91	568826	52.006	ug/l	100
83) tert-Butylbenzene	12.97	119	561636	52.053	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	667442	53.201	ug/l	100
85) sec-Butylbenzene	13.15	105	746119	52.686	ug/l	100
86) p-Isopropyltoluene	13.26	119	669524	53.257	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	346291	49.231	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	346246	48.105	ug/l	100
89) n-Butylbenzene	13.59	91	561863	53.295	ug/l	100
90) Hexachloroethane	13.85	117	123172	53.134	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	334585	49.500	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	44384	54.187	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	154659	48.849	ug/l	100
94) Hexachlorobutadiene	14.98	225	62017	49.393	ug/l	100
95) Naphthalene	15.10	128	461410	50.456	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	158421	50.262	ug/l	100

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

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