

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062723.D
 Acq On : 1 Aug 2020 7:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:03:28 PM

Quant Time: Aug 01 07:51:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	157331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	256256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	240180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	118988	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	130710	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
35) Dibromofluoromethane	7.55	113	87016	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
50) Toluene-d8	10.06	98	333157	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.38	95	127121	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	78838	42.010	ug/l	98
3) Chloromethane	2.03	50	90798	35.672	ug/l	98
4) Vinyl Chloride	2.16	62	85016	38.529	ug/l	100
5) Bromomethane	2.50	94	46427	47.504	ug/l	94
6) Chloroethane	2.65	64	51710	51.807	ug/l	97
7) Trichlorofluoromethane	2.97	101	141875	54.762	ug/l	99
8) Diethyl Ether	3.37	74	53260	43.962	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.71	101	74749	45.001	ug/l	97
10) Methyl Iodide	3.91	142	100079	47.128	ug/l	95
11) Tert butyl alcohol	4.74	59	89762	230.868	ug/l	100
12) 1,1-Dichloroethene	3.69	96	73008	43.338	ug/l	98
13) Acrolein	3.57	56	63558	159.899	ug/l	96
14) Allyl chloride	4.27	41	137893	37.841	ug/l	92
15) Acrylonitrile	4.93	53	237566	228.123	ug/l	99
16) Acetone	3.77	43	200384	217.875	ug/l	97
17) Carbon Disulfide	4.00	76	206910	37.382	ug/l	100
18) Methyl Acetate	4.28	43	115580	49.641	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	298735	48.180	ug/l	98
20) Methylene Chloride	4.50	84	92471	41.921	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	80841	43.237	ug/l	99
22) Diisopropyl ether	5.90	45	305596	42.190	ug/l	97
23) Vinyl Acetate	5.84	43	1285214	216.548	ug/l	98
24) 1,1-Dichloroethane	5.80	63	174548	44.750	ug/l	100
25) 2-Butanone	6.79	43	310348	221.566	ug/l	96
26) 2,2-Dichloropropane	6.77	77	105502	32.949	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	93903	44.013	ug/l	96
28) Bromochloromethane	7.15	49	82084	42.762	ug/l	92
29) Tetrahydrofuran	7.17	42	206889	218.284	ug/l	95
30) Chloroform	7.33	83	179762	48.472	ug/l	99
31) Cyclohexane	7.61	56	142272	39.506	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	159741	51.591	ug/l	99
36) 1,1-Dichloropropene	7.75	75	127824	46.798	ug/l	99
37) Ethyl Acetate	6.88	43	134847	45.799	ug/l	98
38) Carbon Tetrachloride	7.73	117	140529	53.525	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	129336	43.988	ug/l	99
40) Benzene	8.00	78	373026	45.110	ug/l	100
41) Methacrylonitrile	7.14	41	65703m	52.068	ug/l	
42) 1,2-Dichloroethane	8.08	62	155661	51.489	ug/l	97
43) Isopropyl Acetate	8.13	43	216089	45.526	ug/l	97
44) Trichloroethene	8.80	130	86426	46.346	ug/l	98
45) 1,2-Dichloropropane	9.08	63	103697	44.663	ug/l	100
46) Dibromomethane	9.17	93	63882	47.605	ug/l	98
47) Bromodichloromethane	9.37	83	146004	50.221	ug/l	100
48) Methyl methacrylate	9.17	41	107063	47.451	ug/l	95
49) 1,4-Dioxane	9.17	88	34456	994.279	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	682348	240.264	ug/l	98
52) Toluene	10.12	92	227383	47.355	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	152495	47.119	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	156141	44.962	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	93089	49.980	ug/l	96
56) Ethyl methacrylate	10.40	69	152366	45.716	ug/l	97
57) 1,3-Dichloropropane	10.68	76	163144	47.812	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	232550	232.017	ug/l	96
59) 2-Hexanone	10.72	43	510104	232.459	ug/l	100
60) Dibromochloromethane	10.87	129	107753	51.859	ug/l	98
61) 1,2-Dibromoethane	10.98	107	94395	48.671	ug/l	100
64) Tetrachloroethene	10.60	164	74647	47.835	ug/l	99
65) Chlorobenzene	11.41	112	242476	48.156	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	97566	51.507	ug/l	97
67) Ethyl Benzene	11.48	91	455515	49.340	ug/l	99
68) m/p-Xylenes	11.59	106	333013	100.357	ug/l	98
69) o-Xylene	11.92	106	161510	51.256	ug/l	99
70) Styrene	11.94	104	282858	53.140	ug/l	98
71) Bromoform	12.10	173	77092	54.204	ug/l #	100
73) Isopropylbenzene	12.22	105	443335	47.121	ug/l	100
74) N-amyl acetate	12.05	43	195993	46.646	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	139583	42.693	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	128512m	42.432	ug/l	
77) Bromobenzene	12.50	156	106668	47.177	ug/l	94
78) n-propylbenzene	12.57	91	516284	46.846	ug/l	99
79) 2-Chlorotoluene	12.65	91	317244	46.709	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	396299	50.779	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	44664	41.052	ug/l	91
82) 4-Chlorotoluene	12.75	91	336982	47.667	ug/l	99
83) tert-Butylbenzene	12.97	119	328208	50.646	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	395942	51.716	ug/l	97
85) sec-Butylbenzene	13.15	105	436418	50.302	ug/l	100
86) p-Isopropyltoluene	13.26	119	388436	52.055	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	188780	47.578	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	188392	48.232	ug/l	99
89) n-Butylbenzene	13.59	91	319395	49.815	ug/l	99
90) Hexachloroethane	13.85	117	74358	46.810	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	182723	48.161	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	30308	51.058	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	90327	45.573	ug/l	99
94) Hexachlorobutadiene	14.98	225	55811	54.415	ug/l	97
95) Naphthalene	15.10	128	243836	46.375	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	89556	50.089	ug/l	98

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

