

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061608.D
 Acq On : 2 Jun 2020 9:47
 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
 6/3/2020 11:32:17 AM

Quant Time: Jun 03 01:03:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	381208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	615148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	586159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	304113	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	192831	42.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.92%	
35) Dibromofluoromethane	7.54	113	150329	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
50) Toluene-d8	10.06	98	661450	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
62) 4-Bromofluorobenzene	12.37	95	246264	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	207988	47.318	ug/l	99
3) Chloromethane	2.03	50	214724	46.182	ug/l	100
4) Vinyl Chloride	2.16	62	298442	46.840	ug/l	100
5) Bromomethane	2.53	94	182673	49.964	ug/l	99
6) Chloroethane	2.67	64	187347	45.682	ug/l	100
7) Trichlorofluoromethane	2.98	101	405537	49.358	ug/l	98
8) Diethyl Ether	3.37	74	115878	46.123	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	182586	50.078	ug/l	99
10) Methyl Iodide	3.91	142	236137	46.655	ug/l	99
11) Tert butyl alcohol	4.73	59	142544	235.954	ug/l	100
12) 1,1-Dichloroethene	3.69	96	179169	45.996	ug/l	99
13) Acrolein	3.56	56	38435	215.380	ug/l	99
14) Allyl chloride	4.27	41	233692	45.889	ug/l	98
15) Acrylonitrile	4.92	53	381706	226.368	ug/l	99
16) Acetone	3.77	43	358178	287.066	ug/l	99
17) Carbon Disulfide	4.00	76	393394	45.904	ug/l	99
18) Methyl Acetate	4.27	43	178080	43.312	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	621812	46.839	ug/l	98
20) Methylene Chloride	4.50	84	204153	49.434	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	209784	47.756	ug/l	95
22) Diisopropyl ether	5.90	45	534337	47.607	ug/l	99
23) Vinyl Acetate	5.84	43	2017205	225.492	ug/l	98
24) 1,1-Dichloroethane	5.79	63	337954	47.483	ug/l	100
25) 2-Butanone	6.78	43	505493	234.838	ug/l	97
26) 2,2-Dichloropropane	6.77	77	330507	50.736	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	243098	48.871	ug/l	99
28) Bromochloromethane	7.15	49	168092	63.281	ug/l	95
29) Tetrahydrofuran	7.16	42	302561	213.160	ug/l	97
30) Chloroform	7.32	83	384217	48.795	ug/l	99
31) Cyclohexane	7.61	56	298276	46.598	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	352677	49.155	ug/l	99
36) 1,1-Dichloropropene	7.75	75	279429	51.312	ug/l	99
37) Ethyl Acetate	6.88	43	204933	46.723	ug/l	99
38) Carbon Tetrachloride	7.73	117	293283	55.834	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	359407	53.546	ug/l	97
40) Benzene	8.00	78	849483	50.557	ug/l	99
41) Methacrylonitrile	7.13	41	98309m	48.921	ug/l	
42) 1,2-Dichloroethane	8.08	62	279484	49.684	ug/l	100
43) Isopropyl Acetate	8.12	43	367446	46.565	ug/l	97
44) Trichloroethene	8.80	130	266931	51.693	ug/l	100
45) 1,2-Dichloropropane	9.08	63	200789	50.326	ug/l	99
46) Dibromomethane	9.17	93	152948	49.984	ug/l	99
47) Bromodichloromethane	9.37	83	313103	51.646	ug/l	99
48) Methyl methacrylate	9.16	41	162014	45.634	ug/l	99
49) 1,4-Dioxane	9.16	88	60760	1104.712	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1031918	232.056	ug/l	99
52) Toluene	10.12	92	577862	52.693	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	342365	52.423	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	361058	51.417	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	220667	50.505	ug/l	98
56) Ethyl methacrylate	10.40	69	312540	51.208	ug/l	98
57) 1,3-Dichloropropane	10.68	76	359189	51.401	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	552882	211.976	ug/l	99
59) 2-Hexanone	10.72	43	780670	244.448	ug/l	98
60) Dibromochloromethane	10.87	129	267817	53.918	ug/l	99
61) 1,2-Dibromoethane	10.98	107	239271	52.508	ug/l	100
64) Tetrachloroethene	10.60	164	292736	53.055	ug/l	99
65) Chlorobenzene	11.40	112	636102	52.208	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	241913	53.323	ug/l	99
67) Ethyl Benzene	11.48	91	1108494	52.638	ug/l	99
68) m/p-Xylenes	11.59	106	880417	105.440	ug/l	99
69) o-Xylene	11.92	106	426025	53.718	ug/l	98
70) Styrene	11.94	104	712686	54.264	ug/l	99
71) Bromoform	12.10	173	186975	53.485	ug/l #	100
73) Isopropylbenzene	12.22	105	1126775	50.764	ug/l	100
74) N-amyl acetate	12.04	43	320853	45.901	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	282941	45.488	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	274322m	49.607	ug/l	
77) Bromobenzene	12.50	156	292212	51.575	ug/l	96
78) n-propylbenzene	12.56	91	1262745	50.959	ug/l	100
79) 2-Chlorotoluene	12.65	91	725158	49.078	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	951409	51.283	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	100046	46.265	ug/l	98
82) 4-Chlorotoluene	12.74	91	768728	49.455	ug/l	99
83) tert-Butylbenzene	12.97	119	821868	50.140	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	961224	52.155	ug/l	99
85) sec-Butylbenzene	13.15	105	1098894	52.026	ug/l	100
86) p-Isopropyltoluene	13.26	119	1037497	53.338	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	525797	52.407	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	525234	51.389	ug/l	99
89) n-Butylbenzene	13.59	91	873589	53.619	ug/l	99
90) Hexachloroethane	13.85	117	131723	61.233	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	496805	51.815	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	54586	43.030	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	308634	55.040	ug/l	99
94) Hexachlorobutadiene	14.98	225	132131	55.250	ug/l	100
95) Naphthalene	15.10	128	848574	49.718	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	293476	53.231	ug/l	100

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

