

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061158.D
 Acq On : 28 Apr 2020 12:45
 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
 4/29/2020 2:58:06 PM

Quant Time: Apr 29 08:28:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 02:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	120742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	205191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	193817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	94201	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	92330	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
35) Dibromofluoromethane	7.54	113	62543	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	10.06	98	249951	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.37	95	96825	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	67022	52.346	ug/l	99
3) Chloromethane	2.03	50	75633	48.774	ug/l	99
4) Vinyl Chloride	2.16	62	85391	48.482	ug/l	100
5) Bromomethane	2.54	94	43404	49.854	ug/l	96
6) Chloroethane	2.67	64	54291	48.632	ug/l	97
7) Trichlorofluoromethane	2.98	101	105233	52.958	ug/l	99
8) Diethyl Ether	3.37	74	42750	51.578	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	65050	50.814	ug/l	99
10) Methyl Iodide	3.91	142	87438	53.148	ug/l	99
11) Tert butyl alcohol	4.72	59	51913	202.843	ug/l	100
12) 1,1-Dichloroethene	3.69	96	64638	50.739	ug/l	98
13) Acrolein	3.56	56	36635	214.804	ug/l	96
14) Allyl chloride	4.27	41	130622	55.299	ug/l	98
15) Acrylonitrile	4.92	53	182285	232.024	ug/l	100
16) Acetone	3.77	43	149282	200.953	ug/l	100
17) Carbon Disulfide	4.01	76	181705	51.635	ug/l	99
18) Methyl Acetate	4.27	43	103240	42.906	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	238620	49.020	ug/l	98
20) Methylene Chloride	4.50	84	73690	49.465	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	70017	50.474	ug/l	98
22) Diisopropyl ether	5.90	45	277511	50.664	ug/l	99
23) Vinyl Acetate	5.84	43	1114497	252.700	ug/l	100
24) 1,1-Dichloroethane	5.79	63	142761	49.883	ug/l	100
25) 2-Butanone	6.78	43	249191	220.424	ug/l	99
26) 2,2-Dichloropropane	6.77	77	129537	53.738	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	82373	50.601	ug/l	100
28) Bromochloromethane	7.15	49	67777	49.966	ug/l	99
29) Tetrahydrofuran	7.16	42	170011	223.247	ug/l	100
30) Chloroform	7.33	83	144129	49.696	ug/l	100
31) Cyclohexane	7.61	56	134502	48.394	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	127264	50.392	ug/l	99
36) 1,1-Dichloropropene	7.75	75	109184	53.155	ug/l	100
37) Ethyl Acetate	6.88	43	111978	46.502	ug/l	99
38) Carbon Tetrachloride	7.73	117	92445	56.279	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	126696	51.805	ug/l	99
40) Benzene	8.00	78	309700	50.608	ug/l	100
41) Methacrylonitrile	7.12	41	54323	54.333	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	121813	52.544	ug/l	100
43) Isopropyl Acetate	8.12	43	196290	49.117	ug/l	100
44) Trichloroethene	8.80	130	84010	50.783	ug/l	98
45) 1,2-Dichloropropane	9.08	63	83725	51.211	ug/l	98
46) Dibromomethane	9.17	93	53509	52.860	ug/l	98
47) Bromodichloromethane	9.37	83	113921	52.432	ug/l	98
48) Methyl methacrylate	9.16	41	88059	48.830	ug/l	99
49) 1,4-Dioxane	9.16	88	16656	813.651	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	560743	238.375	ug/l	100
52) Toluene	10.12	92	195397	53.011	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	131083	53.542	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	137815	53.246	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	75159	51.120	ug/l	97
56) Ethyl methacrylate	10.40	69	118149	46.328	ug/l	99
57) 1,3-Dichloropropane	10.68	76	133624	51.706	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	270912	227.643	ug/l	100
59) 2-Hexanone	10.72	43	405037	236.672	ug/l	100
60) Dibromochloromethane	10.87	129	80337	52.172	ug/l	99
61) 1,2-Dibromoethane	10.98	107	75545	51.265	ug/l	99
64) Tetrachloroethene	10.60	164	86670	51.630	ug/l	100
65) Chlorobenzene	11.41	112	200016	52.024	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	72322	52.558	ug/l	99
67) Ethyl Benzene	11.48	91	385321	53.538	ug/l	100
68) m/p-Xylenes	11.59	106	282246	107.139	ug/l	98
69) o-Xylene	11.92	106	135117	53.395	ug/l	100
70) Styrene	11.94	104	229246	54.128	ug/l	99
71) Bromoform	12.10	173	52416	51.829	ug/l #	99
73) Isopropylbenzene	12.22	105	370430	53.490	ug/l	99
74) N-amyl acetate	12.04	43	177788	50.699	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	106413	49.280	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	101661m	51.189	ug/l	
77) Bromobenzene	12.50	156	83512	52.240	ug/l	99
78) n-propylbenzene	12.56	91	445522	54.239	ug/l	100
79) 2-Chlorotoluene	12.65	91	256576	53.143	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	315055	54.967	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	39259	50.200	ug/l	99
82) 4-Chlorotoluene	12.75	91	272853	53.621	ug/l	99
83) tert-Butylbenzene	12.97	119	259864	53.769	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	313783	53.137	ug/l	99
85) sec-Butylbenzene	13.15	105	360552	54.719	ug/l	100
86) p-Isopropyltoluene	13.26	119	329532	55.507	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	156618	53.218	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	156708	52.115	ug/l	100
89) n-Butylbenzene	13.59	91	308828	56.744	ug/l	99
90) Hexachloroethane	13.85	117	28002	45.949	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	147309	52.204	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21730	47.648	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	93577	54.458	ug/l	100
94) Hexachlorobutadiene	14.98	225	41163	57.341	ug/l	98
95) Naphthalene	15.10	128	280846	50.186	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	88535	52.186	ug/l	99

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

