

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032620\
 Data File : VN060729.D
 Acq On : 26 Mar 2020 21:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 3/27/2020 10:11:46 AM

Quant Time: Mar 27 07:44:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	315601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	291408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143168	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	129447	49.20	ug/l	0.00
Spiked Amount						
			Recovery	=	98.40%	
35) Dibromofluoromethane	7.57	113	97216	50.94	ug/l	0.00
Spiked Amount						
			Recovery	=	101.88%	
50) Toluene-d8	10.08	98	385069	49.40	ug/l	0.00
Spiked Amount						
			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.40	95	143820	50.34	ug/l	0.00
Spiked Amount						
			Recovery	=	100.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	89063	48.022	ug/l	99
3) Chloromethane	2.04	50	150865	43.554	ug/l	99
4) Vinyl Chloride	2.17	62	119594	44.142	ug/l	99
5) Bromomethane	2.55	94	56726	48.502	ug/l	100
6) Chloroethane	2.69	64	74866	47.970	ug/l	99
7) Trichlorofluoromethane	3.00	101	160331	48.040	ug/l	99
8) Diethyl Ether	3.38	74	65768	49.054	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	96763	50.036	ug/l	99
10) Methyl Iodide	3.93	142	81800	47.536	ug/l	100
11) Tert butyl alcohol	4.72	59	84596	218.607	ug/l	100
12) 1,1-Dichloroethene	3.72	96	98939	47.676	ug/l	98
13) Acrolein	3.57	56	111490	259.953	ug/l	99
14) Allyl chloride	4.29	41	171580	47.009	ug/l	99
15) Acrylonitrile	4.94	53	276962	243.388	ug/l	99
16) Acetone	3.78	43	218505	234.434	ug/l	99
17) Carbon Disulfide	4.03	76	285821	45.286	ug/l	100
18) Methyl Acetate	4.28	43	127747	48.694	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	339725	47.614	ug/l	98
20) Methylene Chloride	4.52	84	110836	48.341	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	104198	47.111	ug/l	98
22) Diisopropyl ether	5.91	45	390449	50.634	ug/l	96
23) Vinyl Acetate	5.86	43	1592240	253.071	ug/l	99
24) 1,1-Dichloroethane	5.82	63	206623	49.152	ug/l	98
25) 2-Butanone	6.80	43	359499	238.360	ug/l	100
26) 2,2-Dichloropropane	6.79	77	158964	48.062	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	121008	48.145	ug/l	100
28) Bromochloromethane	7.17	49	97124	48.290	ug/l	99
29) Tetrahydrofuran	7.18	42	249399	233.711	ug/l	99
30) Chloroform	7.35	83	196194	48.684	ug/l	99
31) Cyclohexane	7.63	56	196097	46.271	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	171002	49.222	ug/l	100
36) 1,1-Dichloropropene	7.77	75	154265	50.479	ug/l	100
37) Ethyl Acetate	6.89	43	156417	47.369	ug/l	98
38) Carbon Tetrachloride	7.75	117	136233	49.739	ug/l	99

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39) Methylcyclohexane	9.07	83	187085	51.515	ug/l	99
40) Benzene	8.02	78	457641	49.607	ug/l	99
41) Methacrylonitrile	7.14	41	72742m	51.618	ug/l	
42) 1,2-Dichloroethane	8.10	62	158054	50.132	ug/l	100
43) Isopropyl Acetate	8.14	43	270949	49.754	ug/l	99
44) Trichloroethene	8.82	130	115627	49.719	ug/l	98
45) 1,2-Dichloropropane	9.10	63	125681	51.630	ug/l	97
46) Dibromomethane	9.19	93	74341	50.515	ug/l	100
47) Bromodichloromethane	9.39	83	155478	50.841	ug/l	97
48) Methyl methacrylate	9.18	41	119999	49.492	ug/l	99
49) 1,4-Dioxane	9.18	88	26996	936.735	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	776429	250.552	ug/l	100
52) Toluene	10.14	92	278917	50.062	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	179896	51.212	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	193184	50.129	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	107753	50.272	ug/l	99
56) Ethyl methacrylate	10.42	69	172122	51.501	ug/l	99
57) 1,3-Dichloropropane	10.70	76	186243	50.072	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	408409	245.873	ug/l	100
59) 2-Hexanone	10.74	43	556991	249.517	ug/l	100
60) Dibromochloromethane	10.89	129	112893	50.989	ug/l	100
61) 1,2-Dibromoethane	10.99	107	108587	50.381	ug/l	99
64) Tetrachloroethene	10.62	164	109264	47.648	ug/l	99
65) Chlorobenzene	11.43	112	282785	48.951	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	104221	49.828	ug/l	98
67) Ethyl Benzene	11.50	91	538599	50.135	ug/l	99
68) m/p-Xylenes	11.62	106	396821	99.400	ug/l	100
69) o-Xylene	11.94	106	189828	49.811	ug/l	100
70) Styrene	11.96	104	317306	50.909	ug/l	100
71) Bromoform	12.12	173	80630	46.503	ug/l #	99
73) Isopropylbenzene	12.25	105	513354	47.780	ug/l	100
74) N-amyl acetate	12.06	43	237907	47.919	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	154341	47.502	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	152142m	49.249	ug/l	
77) Bromobenzene	12.52	156	121569	46.956	ug/l	98
78) n-propylbenzene	12.59	91	613869	48.361	ug/l	99
79) 2-Chlorotoluene	12.67	91	354299	46.714	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	436487	47.872	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	54872	45.618	ug/l	99
82) 4-Chlorotoluene	12.77	91	368926	47.760	ug/l	100
83) tert-Butylbenzene	12.99	119	364156	48.179	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	434493	48.168	ug/l	99
85) sec-Butylbenzene	13.17	105	507190	49.902	ug/l	100
86) p-Isopropyltoluene	13.28	119	453283	49.596	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	222418	48.710	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	222449	48.489	ug/l	99
89) n-Butylbenzene	13.61	91	430362	52.155	ug/l	100
90) Hexachloroethane	13.87	117	67592	50.878	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	213390	48.873	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30703	45.089	ug/l	99

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93) 1,2,4-Trichlorobenzene	14.91	180	139267	51.941	ug/l	100
94) Hexachlorobutadiene	15.01	225	68019	51.749	ug/l	98
95) Naphthalene	15.13	128	394962	48.975	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	131317	49.723	ug/l	99

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

