

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061473.D
 Acq On : 19 May 2020 10:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/19/2020 4:24:07 PM

Quant Time: May 19 12:03:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	268405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	514278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	494066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	238219	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	203047	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
35) Dibromofluoromethane	7.55	113	130208	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
50) Toluene-d8	10.06	98	622671	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.38	95	240207	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	104328	46.746	ug/l	99
3) Chloromethane	2.03	50	162051	44.518	ug/l	100
4) Vinyl Chloride	2.16	62	243996	46.835	ug/l	99
5) Bromomethane	2.53	94	137013	52.183	ug/l	100
6) Chloroethane	2.67	64	160923	45.893	ug/l	99
7) Trichlorofluoromethane	2.98	101	302399	47.812	ug/l	97
8) Diethyl Ether	3.37	74	87463	47.476	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	124050	47.165	ug/l	99
10) Methyl Iodide	3.91	142	149423	46.774	ug/l	99
11) Tert butyl alcohol	4.73	59	134860	292.182	ug/l	99
12) 1,1-Dichloroethene	3.69	96	127735	46.428	ug/l	90
13) Acrolein	3.56	56	74612	224.610	ug/l	93
14) Allyl chloride	4.27	41	201305	44.960	ug/l	98
15) Acrylonitrile	4.93	53	339652	248.382	ug/l	99
16) Acetone	3.77	43	265285	259.288	ug/l	100
17) Carbon Disulfide	4.01	76	280961	47.429	ug/l	100
18) Methyl Acetate	4.27	43	135763	49.407	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	517092	49.527	ug/l	99
20) Methylene Chloride	4.50	84	157175	47.742	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	150745	47.517	ug/l	99
22) Diisopropyl ether	5.90	45	477707	47.479	ug/l	99
23) Vinyl Acetate	5.84	43	1942119	242.737	ug/l	98
24) 1,1-Dichloroethane	5.80	63	285806	48.701	ug/l	99
25) 2-Butanone	6.78	43	440250	241.381	ug/l	98
26) 2,2-Dichloropropane	6.77	77	181611	32.463	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	189016	50.439	ug/l	93
28) Bromochloromethane	7.15	49	137289	55.114	ug/l	93
29) Tetrahydrofuran	7.17	42	288763	239.060	ug/l	96
30) Chloroform	7.33	83	314206	51.262	ug/l	99
31) Cyclohexane	7.61	56	237590	45.745	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	279857	49.965	ug/l	99
36) 1,1-Dichloropropene	7.75	75	223424	46.462	ug/l	99
37) Ethyl Acetate	6.88	43	194510	44.602	ug/l	99
38) Carbon Tetrachloride	7.73	117	212730	48.043	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	237978	40.518	ug/l	96
40) Benzene	8.00	78	694541	47.927	ug/l	99
41) Methacrylonitrile	7.12	41	83221	45.182	ug/l	91
42) 1,2-Dichloroethane	8.09	62	246751	47.261	ug/l	100
43) Isopropyl Acetate	8.13	43	348272	45.788	ug/l #	91
44) Trichloroethene	8.80	130	188463	49.633	ug/l	97
45) 1,2-Dichloropropane	9.09	63	174550	48.122	ug/l	98
46) Dibromomethane	9.18	93	125441	49.331	ug/l	98
47) Bromodichloromethane	9.37	83	258751	48.296	ug/l	98
48) Methyl methacrylate	9.17	41	156680	44.591	ug/l	97
49) 1,4-Dioxane	9.17	88	51890	1419.894	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	992533	239.542	ug/l	99
52) Toluene	10.12	92	461330	49.586	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	270054	45.989	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	283782	45.462	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	176448	50.164	ug/l	99
56) Ethyl methacrylate	10.40	69	274554	49.927	ug/l	96
57) 1,3-Dichloropropane	10.68	76	298719	49.141	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	596228	247.011	ug/l	97
59) 2-Hexanone	10.72	43	714432	238.323	ug/l	98
60) Dibromochloromethane	10.87	129	198608	51.045	ug/l	99
61) 1,2-Dibromoethane	10.98	107	188209	50.890	ug/l	99
64) Tetrachloroethene	10.60	164	175614	45.944	ug/l	99
65) Chlorobenzene	11.41	112	482318	47.872	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	178148	49.322	ug/l	99
67) Ethyl Benzene	11.48	91	886842	48.221	ug/l	98
68) m/p-Xylenes	11.60	106	687989	98.555	ug/l	98
69) o-Xylene	11.92	106	326171	48.283	ug/l	99
70) Styrene	11.94	104	564586	50.469	ug/l	99
71) Bromoform	12.10	173	130596	46.638	ug/l #	99
73) Isopropylbenzene	12.22	105	851521	44.526	ug/l	99
74) N-amyl acetate	12.04	43	311300	44.471	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	242432	46.076	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	225888m	44.191	ug/l	
77) Bromobenzene	12.50	156	198717	47.879	ug/l	96
78) n-propylbenzene	12.56	91	955149	43.834	ug/l	99
79) 2-Chlorotoluene	12.65	91	578370	44.906	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	710196	45.355	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	77739	40.344	ug/l	98
82) 4-Chlorotoluene	12.75	91	615731	46.170	ug/l	100
83) tert-Butylbenzene	12.97	119	583239	43.484	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	717085	45.759	ug/l	98
85) sec-Butylbenzene	13.15	105	750742	41.393	ug/l	100
86) p-Isopropyltoluene	13.26	119	683582	42.445	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	360798	47.500	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	363995	47.850	ug/l	98
89) n-Butylbenzene	13.59	91	573403	39.190	ug/l	99
90) Hexachloroethane	13.85	117	92859	42.543	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	347911	47.750	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	49882	46.933	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	176856	44.766	ug/l	99
94) Hexachlorobutadiene	14.99	225	61915	35.272	ug/l	99
95) Naphthalene	15.10	128	628425	50.035	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	173229	44.046	ug/l	99

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

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