

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061541.D
 Acq On : 28 May 2020 18:55
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 5:46:50 PM

Quant Time: May 29 01:58:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 01:43:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	388098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	652759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	617635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	314525	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	232646	41.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.96%	
35) Dibromofluoromethane	7.55	113	168645	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
50) Toluene-d8	10.06	98	776830	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	12.38	95	277960	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	219258	64.378	ug/l	100
3) Chloromethane	2.03	50	238284	45.635	ug/l	100
4) Vinyl Chloride	2.16	62	327164	44.398	ug/l	100
5) Bromomethane	2.53	94	189731	46.396	ug/l	100
6) Chloroethane	2.67	64	204655	41.481	ug/l	100
7) Trichlorofluoromethane	2.98	101	414554	45.862	ug/l	100
8) Diethyl Ether	3.37	74	120484	45.687	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	177468	47.145	ug/l	100
10) Methyl Iodide	3.91	142	254776	53.562	ug/l	100
11) Tert butyl alcohol	4.73	59	150353	231.554	ug/l	100
12) 1,1-Dichloroethene	3.69	96	185609	46.761	ug/l	100
13) Acrolein	3.56	56	43759	94.589	ug/l	100
14) Allyl chloride	4.27	41	248118	40.032	ug/l	100
15) Acrylonitrile	4.93	53	427738	221.996	ug/l	100
16) Acetone	3.77	43	320037	186.089	ug/l	100
17) Carbon Disulfide	4.01	76	411081	42.195	ug/l	100
18) Methyl Acetate	4.27	43	201582	45.510	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	645005	43.669	ug/l	100
20) Methylene Chloride	4.50	84	209939	44.725	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	208110	45.986	ug/l	100
22) Diisopropyl ether	5.90	45	560315	40.098	ug/l	100
23) Vinyl Acetate	5.84	43	2287325	205.891	ug/l	100
24) 1,1-Dichloroethane	5.80	63	350463	42.610	ug/l	100
25) 2-Butanone	6.79	43	529707	207.585	ug/l	100
26) 2,2-Dichloropropane	6.78	77	307114	39.394	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	247929	46.443	ug/l	100
28) Bromochloromethane	7.15	49	136915	40.254	ug/l	100
29) Tetrahydrofuran	7.17	42	353959	209.457	ug/l	100
30) Chloroform	7.33	83	389514	45.094	ug/l	100
31) Cyclohexane	7.61	56	315080	40.296	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	354538	44.862	ug/l	100
36) 1,1-Dichloropropene	7.75	75	283269	47.100	ug/l	100
37) Ethyl Acetate	6.88	43	237794	43.688	ug/l	100
38) Carbon Tetrachloride	7.73	117	280607	50.431	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	351401	47.726	ug/l	100
40) Benzene	8.00	78	859236	47.322	ug/l	100
41) Methacrylonitrile	7.12	41	93340	41.710	ug/l	100
42) 1,2-Dichloroethane	8.08	62	286784	44.305	ug/l	100
43) Isopropyl Acetate	8.13	43	408112	43.323	ug/l	100
44) Trichloroethene	8.80	130	272281	55.440	ug/l	100
45) 1,2-Dichloropropane	9.08	63	206730	45.824	ug/l	100
46) Dibromomethane	9.17	93	156761	48.864	ug/l	100
47) Bromodichloromethane	9.37	83	317340	47.448	ug/l	100
48) Methyl methacrylate	9.17	41	178223	41.201	ug/l	100
49) 1,4-Dioxane	9.17	88	53171	981.684	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1178609	229.299	ug/l	100
52) Toluene	10.12	92	573956	49.068	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	343493	47.076	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	363772	46.645	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	224148	50.501	ug/l	100
56) Ethyl methacrylate	10.40	69	328491	47.926	ug/l	100
57) 1,3-Dichloropropane	10.68	76	362713	47.754	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	689276	229.260	ug/l	100
59) 2-Hexanone	10.72	43	849108	228.461	ug/l	100
60) Dibromochloromethane	10.88	129	265824	53.714	ug/l	100
61) 1,2-Dibromoethane	10.98	107	239243	51.127	ug/l	100
64) Tetrachloroethene	10.60	164	284578	57.745	ug/l	100
65) Chlorobenzene	11.41	112	622366	49.557	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	235733	52.030	ug/l	100
67) Ethyl Benzene	11.48	91	1090080	48.130	ug/l	100
68) m/p-Xylenes	11.60	106	867380	100.204	ug/l	100
69) o-Xylene	11.92	106	415294	49.569	ug/l	100
70) Styrene	11.94	104	704087	50.847	ug/l	100
71) Bromoform	12.10	173	188029	58.030	ug/l #	100
73) Isopropylbenzene	12.22	105	1091328	44.154	ug/l	100
74) N-amyl acetate	12.05	43	356950	40.102	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	300428	44.144	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	264977m	40.469	ug/l	
77) Bromobenzene	12.50	156	281608	51.110	ug/l	100
78) n-propylbenzene	12.57	91	1222028	43.650	ug/l	100
79) 2-Chlorotoluene	12.65	91	718942	43.289	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	924866	45.663	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	108870	43.756	ug/l	100
82) 4-Chlorotoluene	12.75	91	760484	44.235	ug/l	100
83) tert-Butylbenzene	12.97	119	801335	46.055	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	932886	46.030	ug/l	100
85) sec-Butylbenzene	13.15	105	1044961	44.715	ug/l	100
86) p-Isopropyltoluene	13.26	119	975682	46.735	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	500359	50.025	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	504992	50.427	ug/l	100
89) n-Butylbenzene	13.59	91	814606	43.517	ug/l	100
90) Hexachloroethane	13.85	117	105668	38.817	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	484829	50.525	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	61702	44.875	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	289449	55.116	ug/l	100
94) Hexachlorobutadiene	14.99	225	115431	49.952	ug/l	100
95) Naphthalene	15.10	128	918690	55.200	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	286447	54.607	ug/l	100

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

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