

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
 Data File : VN061658.D
 Acq On : 5 Jun 2020 9:45
 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
 6/8/2020 11:49:04 AM

Quant Time: Jun 06 03:30:09 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	337574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	535385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	510524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	262332	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	169376	42.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.22%	
35) Dibromofluoromethane	7.54	113	130644	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
50) Toluene-d8	10.06	98	586231	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
62) 4-Bromofluorobenzene	12.37	95	215705	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	182403	46.872	ug/l	97
3) Chloromethane	2.03	50	190406	46.245	ug/l	100
4) Vinyl Chloride	2.16	62	259512	45.995	ug/l	98
5) Bromomethane	2.53	94	163877	50.617	ug/l	98
6) Chloroethane	2.67	64	170433	46.929	ug/l	99
7) Trichlorofluoromethane	2.98	101	324724	44.630	ug/l	100
8) Diethyl Ether	3.37	74	102281	45.973	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	162363	50.288	ug/l	100
10) Methyl Iodide	3.91	142	212836	47.487	ug/l	99
11) Tert butyl alcohol	4.73	59	128965	241.070	ug/l	100
12) 1,1-Dichloroethene	3.69	96	158454	45.936	ug/l	96
13) Acrolein	3.56	56	45001	296.022	ug/l	95
14) Allyl chloride	4.27	41	200524	44.466	ug/l	97
15) Acrylonitrile	4.92	53	338852	226.928	ug/l	100
16) Acetone	3.77	43	346078	313.799	ug/l	99
17) Carbon Disulfide	4.01	76	328198	43.246	ug/l	98
18) Methyl Acetate	4.27	43	162216	44.553	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	546074	46.450	ug/l	98
20) Methylene Chloride	4.50	84	182535	49.930	ug/l	94
21) trans-1,2-Dichloroethene	4.98	96	183781	47.244	ug/l	95
22) Diisopropyl ether	5.90	45	468850	47.171	ug/l	100
23) Vinyl Acetate	5.84	43	1744742	220.244	ug/l	98
24) 1,1-Dichloroethane	5.79	63	298327	47.333	ug/l	99
25) 2-Butanone	6.78	43	454887	238.644	ug/l	100
26) 2,2-Dichloropropane	6.77	77	289044	50.106	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	213984	48.578	ug/l	100
28) Bromochloromethane	7.15	49	113664	47.983	ug/l	97
29) Tetrahydrofuran	7.17	42	272138	216.509	ug/l	99
30) Chloroform	7.32	83	341303	48.948	ug/l	97
31) Cyclohexane	7.61	56	254085	44.825	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	305805	48.131	ug/l	99
36) 1,1-Dichloropropene	7.75	75	243736	51.426	ug/l	99
37) Ethyl Acetate	6.88	43	184532	48.340	ug/l	99
38) Carbon Tetrachloride	7.73	117	255629	55.916	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	287390	49.195	ug/l	96
40) Benzene	8.00	78	743383	50.834	ug/l	98
41) Methacrylonitrile	7.11	41	69230	39.583	ug/l	92
42) 1,2-Dichloroethane	8.08	62	241795	49.388	ug/l	100
43) Isopropyl Acetate	8.12	43	315528	45.942	ug/l	92
44) Trichloroethene	8.80	130	233830	52.029	ug/l	96
45) 1,2-Dichloropropane	9.08	63	179748	51.764	ug/l	99
46) Dibromomethane	9.17	93	134371	50.455	ug/l	96
47) Bromodichloromethane	9.37	83	274485	52.021	ug/l	99
48) Methyl methacrylate	9.16	41	142168	46.009	ug/l	99
49) 1,4-Dioxane	9.16	88	59529	1243.579	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	917498	237.065	ug/l	99
52) Toluene	10.12	92	504651	52.872	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	295235	51.941	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	315438	51.613	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	196055	51.557	ug/l	98
56) Ethyl methacrylate	10.40	69	271063	51.029	ug/l	97
57) 1,3-Dichloropropane	10.68	76	316264	52.001	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	469422	206.790	ug/l	99
59) 2-Hexanone	10.72	43	689793	248.171	ug/l	99
60) Dibromochloromethane	10.87	129	230873	53.405	ug/l	99
61) 1,2-Dibromoethane	10.98	107	207315	52.273	ug/l	100
64) Tetrachloroethene	10.60	164	257268	53.535	ug/l	96
65) Chlorobenzene	11.40	112	559636	52.737	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	216022	54.671	ug/l	99
67) Ethyl Benzene	11.48	91	971063	52.943	ug/l	99
68) m/p-Xylenes	11.59	106	780422	107.311	ug/l	98
69) o-Xylene	11.92	106	368377	53.330	ug/l	98
70) Styrene	11.94	104	626320	54.753	ug/l	99
71) Bromoform	12.10	173	165047	54.207	ug/l #	99
73) Isopropylbenzene	12.22	105	984812	51.435	ug/l	99
74) N-amyl acetate	12.04	43	280890	46.584	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	247692	46.163	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	248835m	52.164	ug/l	
77) Bromobenzene	12.50	156	252759	51.717	ug/l	96
78) n-propylbenzene	12.56	91	1100058	51.465	ug/l	100
79) 2-Chlorotoluene	12.65	91	633527	49.706	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	816725	51.035	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	87891	47.118	ug/l	98
82) 4-Chlorotoluene	12.75	91	671559	50.085	ug/l	99
83) tert-Butylbenzene	12.97	119	703083	49.725	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	822232	51.719	ug/l	99
85) sec-Butylbenzene	13.15	105	911812	50.045	ug/l	100
86) p-Isopropyltoluene	13.26	119	854723	50.940	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	459597	53.104	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	462036	52.405	ug/l	99
89) n-Butylbenzene	13.59	91	702607	49.993	ug/l	99
90) Hexachloroethane	13.85	117	120418	64.893	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	432620	52.307	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	45927	41.970	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	256608	53.050	ug/l	99
94) Hexachlorobutadiene	14.99	225	99940	48.445	ug/l	100
95) Naphthalene	15.10	128	716877	48.692	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	242868	51.067	ug/l	99

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

