

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100119\
 Data File : VN058473.D
 Acq On : 1 Oct 2019 19:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/3/2019 12:36:08 PM

Quant Time: Oct 02 07:45:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	357761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	617816	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	564138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	271621	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	276220	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
35) Dibromofluoromethane	7.57	113	198044	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
50) Toluene-d8	10.08	98	765786	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
62) 4-Bromofluorobenzene	12.41	95	280100	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	197443	50.332	ug/l	100
3) Chloromethane	2.03	50	235493	54.605	ug/l	100
4) Vinyl Chloride	2.17	62	223880	52.992	ug/l	100
5) Bromomethane	2.54	94	112358	50.070	ug/l	98
6) Chloroethane	2.68	64	136637	53.977	ug/l	96
7) Trichlorofluoromethane	3.00	101	276736	54.280	ug/l	100
8) Diethyl Ether	3.39	74	115632	52.566	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	181708	52.480	ug/l	98
10) Methyl Iodide	3.93	142	190651	49.659	ug/l	100
11) Tert butyl alcohol	4.76	59	183115	315.281	ug/l	97
12) 1,1-Dichloroethene	3.72	96	176463	52.286	ug/l	98
13) Acrolein	3.59	56	70654	382.474	ug/l	99
14) Allyl chloride	4.30	41	326983	53.239	ug/l	99
15) Acrylonitrile	4.96	53	497410	293.855	ug/l	100
16) Acetone	3.80	43	449238	252.068	ug/l	98
17) Carbon Disulfide	4.03	76	467469	52.546	ug/l	99
18) Methyl Acetate	4.30	43	241341	53.841	ug/l	98
19) Methyl tert-butyl Ether	5.02	73	636629	53.462	ug/l	98
20) Methylene Chloride	4.53	84	210059	51.074	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	195939	52.209	ug/l	98
22) Diisopropyl ether	5.93	45	724498	54.816	ug/l	96
23) Vinyl Acetate	5.87	43	2984572	299.487	ug/l	99
24) 1,1-Dichloroethane	5.83	63	401890	54.030	ug/l	100
25) 2-Butanone	6.81	43	701891	286.847	ug/l	99
26) 2,2-Dichloropropane	6.81	77	295281	48.287	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	232190	52.935	ug/l	99
28) Bromochloromethane	7.18	49	165756	55.748	ug/l	96
29) Tetrahydrofuran	7.19	42	457221	294.405	ug/l	100
30) Chloroform	7.36	83	407941	54.121	ug/l	100
31) Cyclohexane	7.64	56	369387	51.052	ug/l	97
32) 1,1,1-Trichloroethane	7.56	97	344160	55.602	ug/l	99
36) 1,1-Dichloropropene	7.78	75	302731	51.245	ug/l	99
37) Ethyl Acetate	6.91	43	290174	57.935	ug/l	98
38) Carbon Tetrachloride	7.76	117	287544	53.924	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	358876	52.021	ug/l	99
40) Benzene	8.03	78	895039	52.708	ug/l	99
41) Methacrylonitrile	7.16	41	131162m	56.923	ug/l	
42) 1,2-Dichloroethane	8.11	62	349946	52.970	ug/l	100
43) Isopropyl Acetate	8.15	43	495375	52.596	ug/l	100
44) Trichloroethene	8.82	130	214722	51.210	ug/l	95
45) 1,2-Dichloropropane	9.11	63	244925	53.780	ug/l	100
46) Dibromomethane	9.20	93	154797	53.672	ug/l	98
47) Bromodichloromethane	9.40	83	311841	57.067	ug/l	99
48) Methyl methacrylate	9.19	41	242714	56.594	ug/l	99
49) 1,4-Dioxane	9.19	88	83883	1462.776	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1493754	308.758	ug/l	98
52) Toluene	10.15	92	552162	51.660	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	331387	55.717	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	366412	55.499	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	217526	55.893	ug/l	100
56) Ethyl methacrylate	10.43	69	339011	57.406	ug/l	100
57) 1,3-Dichloropropane	10.71	76	383383	55.228	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	646208	274.424	ug/l	98
59) 2-Hexanone	10.75	43	1079925	306.557	ug/l	99
60) Dibromochloromethane	10.90	129	219379	54.484	ug/l	99
61) 1,2-Dibromoethane	11.01	107	220288	55.396	ug/l	100
64) Tetrachloroethene	10.63	164	192269	53.644	ug/l	99
65) Chlorobenzene	11.44	112	577849	51.530	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	203709	53.917	ug/l	99
67) Ethyl Benzene	11.51	91	1085503	53.443	ug/l	99
68) m/p-Xylenes	11.63	106	799649	104.639	ug/l	98
69) o-Xylene	11.95	106	379818	51.630	ug/l	94
70) Styrene	11.97	104	660152	55.238	ug/l	100
71) Bromoform	12.13	173	139991	53.566	ug/l #	100
73) Isopropylbenzene	12.26	105	1056585	52.636	ug/l	100
74) N-amyl acetate	12.08	43	441311	55.262	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	324446	54.659	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	267411m	53.901	ug/l	
77) Bromobenzene	12.53	156	238304	50.630	ug/l	97
78) n-propylbenzene	12.60	91	1251492	55.339	ug/l	100
79) 2-Chlorotoluene	12.68	91	724731	51.920	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	901756	53.665	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.31	75	88130	53.951	ug/l	98
82) 4-Chlorotoluene	12.78	91	756883	53.139	ug/l	99
83) tert-Butylbenzene	13.00	119	769206	54.249	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	910380	54.075	ug/l	100
85) sec-Butylbenzene	13.18	105	1039521	55.701	ug/l	100
86) p-Isopropyltoluene	13.30	119	928112	56.497	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	440587	51.623	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	433755	51.082	ug/l	99
89) n-Butylbenzene	13.62	91	828292	55.662	ug/l	99
90) Hexachloroethane	13.89	117	146979	59.549	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	428909	52.304	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	61802	59.043	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	256724	56.653	ug/l	99
94) Hexachlorobutadiene	15.02	225	123566	53.053	ug/l	99
95) Naphthalene	15.14	128	721624	54.380	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	249241	54.864	ug/l	98

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

