

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102819\
 Data File : VN058984.D
 Acq On : 28 Oct 2019 9:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 3:52:58 PM

Quant Time: Oct 29 13:39:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	405324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	622191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	588152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	295816	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	282011	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
35) Dibromofluoromethane	7.57	113	212551	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
50) Toluene-d8	10.08	98	816440	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.40	95	306991	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	229658	45.445	ug/l	100
3) Chloromethane	2.04	50	294405	47.038	ug/l	99
4) Vinyl Chloride	2.17	62	303511	48.839	ug/l	100
5) Bromomethane	2.54	94	164524	42.277	ug/l	97
6) Chloroethane	2.68	64	181641	45.578	ug/l	99
7) Trichlorofluoromethane	3.00	101	362671	47.165	ug/l	99
8) Diethyl Ether	3.39	74	139515	52.504	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	212049	49.744	ug/l	99
10) Methyl Iodide	3.93	142	256484	45.747	ug/l	98
11) Tert butyl alcohol	4.76	59	215332	218.279	ug/l #	86
12) 1,1-Dichloroethene	3.72	96	199956	50.043	ug/l	98
13) Acrolein	3.58	56	176651	260.613	ug/l	98
14) Allyl chloride	4.29	41	417130	51.590	ug/l	95
15) Acrylonitrile	4.96	53	631252	254.389	ug/l	98
16) Acetone	3.79	43	751836	255.942	ug/l	98
17) Carbon Disulfide	4.03	76	581242	45.158	ug/l	100
18) Methyl Acetate	4.29	43	329448	49.330	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	737379	52.703	ug/l	100
20) Methylene Chloride	4.53	84	244491	48.743	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	220820	50.042	ug/l	95
22) Diisopropyl ether	5.92	45	863960	54.629	ug/l	97
23) Vinyl Acetate	5.87	43	3475963	273.564	ug/l	100
24) 1,1-Dichloroethane	5.82	63	458717	50.022	ug/l	100
25) 2-Butanone	6.81	43	919178	241.051	ug/l	100
26) 2,2-Dichloropropane	6.80	77	399057	50.310	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	255499	50.685	ug/l	100
28) Bromochloromethane	7.17	49	150280	49.207	ug/l	99
29) Tetrahydrofuran	7.19	42	565780	242.546	ug/l	100
30) Chloroform	7.35	83	447529	48.651	ug/l	99
31) Cyclohexane	7.63	56	397140	46.487	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	381527	49.207	ug/l	99
36) 1,1-Dichloropropene	7.77	75	331663	52.067	ug/l	99
37) Ethyl Acetate	6.90	43	351864	50.695	ug/l	99
38) Carbon Tetrachloride	7.75	117	333636	50.842	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	377041	52.715	ug/l	99
40) Benzene	8.02	78	1004832	53.719	ug/l	100
41) Methacrylonitrile	7.16	41	176890m	57.222	ug/l	
42) 1,2-Dichloroethane	8.10	62	361496	50.170	ug/l	100
43) Isopropyl Acetate	8.15	43	576832	51.820	ug/l	100
44) Trichloroethene	8.82	130	239936	52.658	ug/l	99
45) 1,2-Dichloropropane	9.10	63	276852	53.975	ug/l	99
46) Dibromomethane	9.19	93	168504	51.966	ug/l	98
47) Bromodichloromethane	9.39	83	354905	53.104	ug/l	99
48) Methyl methacrylate	9.19	41	263310	52.137	ug/l	97
49) 1,4-Dioxane	9.19	88	84819	1023.074	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1775507	273.077	ug/l	99
52) Toluene	10.15	92	606905	54.713	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	403401	54.525	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	434783	55.006	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	240319	52.591	ug/l	98
56) Ethyl methacrylate	10.42	69	376142	49.045	ug/l	97
57) 1,3-Dichloropropane	10.70	76	426658	53.198	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	881584	271.485	ug/l	100
59) 2-Hexanone	10.75	43	1351909	269.080	ug/l	98
60) Dibromochloromethane	10.90	129	266586	54.201	ug/l	98
61) 1,2-Dibromoethane	11.00	107	246686	52.751	ug/l	100
64) Tetrachloroethene	10.63	164	215923	52.421	ug/l	97
65) Chlorobenzene	11.43	112	639985	53.448	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	242866	53.749	ug/l	100
67) Ethyl Benzene	11.51	91	1187427	56.530	ug/l	99
68) m/p-Xylenes	11.62	106	876684	112.544	ug/l	99
69) o-Xylene	11.95	106	417006	56.130	ug/l	99
70) Styrene	11.96	104	704929	51.356	ug/l	99
71) Bromoform	12.13	173	188853	53.899	ug/l #	98
73) Isopropylbenzene	12.25	105	1146232	53.021	ug/l	99
74) N-amyl acetate	12.07	43	499282	50.942	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	367788	48.383	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	287485m	41.933	ug/l	
77) Bromobenzene	12.53	156	276666	51.921	ug/l	96
78) n-propylbenzene	12.59	91	1371449	53.668	ug/l	100
79) 2-Chlorotoluene	12.68	91	814645	52.087	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	996367	54.855	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	129598	49.244	ug/l	98
82) 4-Chlorotoluene	12.78	91	849406	53.144	ug/l	100
83) tert-Butylbenzene	13.00	119	838771	54.002	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1004719	56.081	ug/l	99
85) sec-Butylbenzene	13.17	105	1139087	55.006	ug/l	98
86) p-Isopropyltoluene	13.29	119	1036743	56.739	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	507408	53.255	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	500720	52.490	ug/l	99
89) n-Butylbenzene	13.62	91	937230	55.837	ug/l	100
90) Hexachloroethane	13.88	117	188968	51.037	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	497335	53.107	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	74342	43.239	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	292394	49.618	ug/l	100
94) Hexachlorobutadiene	15.01	225	158164	52.108	ug/l	99
95) Naphthalene	15.13	128	770515	45.676	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	281793	49.142	ug/l	99

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

