

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091519\
 Data File : VN058076.D
 Acq On : 15 Sep 2019 8:07
 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
 9/18/2019 1:56:04 PM

Quant Time: Sep 16 03:47:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	372660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	591655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	571928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	349155	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	386998	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	7.57	113	280580	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	10.09	98	1113797	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.40	95	418907	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	261295	50.700	ug/l	100
3) Chloromethane	2.04	50	215196	40.968	ug/l	99
4) Vinyl Chloride	2.17	62	224003	40.293	ug/l	99
5) Bromomethane	2.54	94	137774	44.944	ug/l	100
6) Chloroethane	2.68	64	140437	39.643	ug/l	98
7) Trichlorofluoromethane	3.00	101	311474	44.521	ug/l	99
8) Diethyl Ether	3.39	74	141517	48.498	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	221931	50.286	ug/l	98
10) Methyl Iodide	3.93	142	225286	45.872	ug/l	99
11) Tert butyl alcohol	4.76	59	205183	224.602	ug/l	99
12) 1,1-Dichloroethene	3.72	96	184763	46.561	ug/l	95
13) Acrolein	3.59	56	99438	128.300	ug/l	99
14) Allyl chloride	4.30	41	373593	48.108	ug/l	99
15) Acrylonitrile	4.96	53	641529	255.492	ug/l	99
16) Acetone	3.79	43	663320	268.078	ug/l	98
17) Carbon Disulfide	4.03	76	266372	43.152	ug/l	98
18) Methyl Acetate	4.30	43	351059	53.212	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	854504	51.744	ug/l	100
20) Methylene Chloride	4.53	84	248317	52.785	ug/l	96
21) trans-1,2-Dichloroethene	5.02	96	202068	47.106	ug/l	96
22) Diisopropyl ether	5.93	45	950551	52.196	ug/l	99
23) Vinyl Acetate	5.87	43	3477941	269.474	ug/l	99
24) 1,1-Dichloroethane	5.82	63	500699	50.306	ug/l	99
25) 2-Butanone	6.81	43	911889	254.628	ug/l	100
26) 2,2-Dichloropropane	6.81	77	418293	53.106	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	285412	49.649	ug/l	97
28) Bromochloromethane	7.18	49	260159	52.321	ug/l	98
29) Tetrahydrofuran	7.19	42	546755	247.761	ug/l	100
30) Chloroform	7.36	83	530784	51.004	ug/l	99
31) Cyclohexane	7.64	56	349500	51.601	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	424151	51.390	ug/l	99
36) 1,1-Dichloropropene	7.78	75	333388	48.587	ug/l	99
37) Ethyl Acetate	6.91	43	354423	49.994	ug/l	99
38) Carbon Tetrachloride	7.76	117	338005	53.954	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	350315	48.566	ug/l	97
40) Benzene	8.03	78	1042487	50.464	ug/l	98
41) Methacrylonitrile	7.15	41	164250	51.040	ug/l	100
42) 1,2-Dichloroethane	8.11	62	436933	52.886	ug/l	100
43) Isopropyl Acetate	8.15	43	650106	54.530	ug/l	99
44) Trichloroethene	8.82	130	257466	50.814	ug/l	99
45) 1,2-Dichloropropane	9.11	63	314782	52.366	ug/l	99
46) Dibromomethane	9.20	93	192683	53.045	ug/l	99
47) Bromodichloromethane	9.40	83	405905	55.959	ug/l	98
48) Methyl methacrylate	9.19	41	314879	52.067	ug/l	98
49) 1,4-Dioxane	9.19	88	89879	878.838	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	1927466	273.204	ug/l	100
52) Toluene	10.15	92	666323	51.212	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	438296	57.380	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	467498	55.434	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	295010	53.527	ug/l	98
56) Ethyl methacrylate	10.43	69	446442	53.791	ug/l	99
57) 1,3-Dichloropropane	10.71	76	503701	53.031	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1046758	267.779	ug/l	100
59) 2-Hexanone	10.75	43	1423380	269.170	ug/l	100
60) Dibromochloromethane	10.90	129	299069	58.436	ug/l	98
61) 1,2-Dibromoethane	11.00	107	277991	53.352	ug/l	99
64) Tetrachloroethene	10.63	164	209840	49.692	ug/l	99
65) Chlorobenzene	11.43	112	764111	51.050	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	284908	54.856	ug/l	100
67) Ethyl Benzene	11.51	91	1380753	52.637	ug/l	100
68) m/p-Xylenes	11.62	106	1011911	105.313	ug/l	100
69) o-Xylene	11.95	106	503151	52.673	ug/l	97
70) Styrene	11.97	104	902822	54.918	ug/l	100
71) Bromoform	12.13	173	188873	58.328	ug/l #	98
73) Isopropylbenzene	12.25	105	1408274	51.979	ug/l	100
74) N-amyl acetate	12.07	43	593649	50.347	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	453896	49.757	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	405772m	51.373	ug/l	
77) Bromobenzene	12.53	156	331794	49.119	ug/l	98
78) n-propylbenzene	12.60	91	1672447	53.757	ug/l	100
79) 2-Chlorotoluene	12.68	91	991944	50.446	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1222184	53.389	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	116491	51.900	ug/l	96
82) 4-Chlorotoluene	12.78	91	1050693	52.033	ug/l	99
83) tert-Butylbenzene	13.00	119	1059252	52.054	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1243171	53.432	ug/l	98
85) sec-Butylbenzene	13.18	105	1456570	54.005	ug/l	100
86) p-Isopropyltoluene	13.29	119	1305172	54.921	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	643503	51.901	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	647965	51.485	ug/l	99
89) n-Butylbenzene	13.62	91	1232511	54.920	ug/l	99
90) Hexachloroethane	13.88	117	195706	55.374	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	642644	51.881	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	81097	53.832	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	414367	51.180	ug/l	99
94) Hexachlorobutadiene	15.02	225	191320	55.745	ug/l	99
95) Naphthalene	15.13	128	1114897	54.693	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	379744	53.652	ug/l	100

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

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