

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
 Data File : VN052739.D
 Acq On : 7 Dec 2018 20:44
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 12:51:34 PM

Quant Time: Dec 07 23:54:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	949195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1479331	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1333253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	642813	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	505913	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
35) Dibromofluoromethane	7.59	113	339210	37.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.38%	
50) Toluene-d8	10.09	98	1771375	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.40	95	625202	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	367958	41.401	ug/l	99
3) Chloromethane	2.06	50	471380	40.180	ug/l	99
4) Vinyl Chloride	2.19	62	504122	41.831	ug/l	99
5) Bromomethane	2.57	94	201374	26.781	ug/l	98
6) Chloroethane	2.71	64	316422	43.346	ug/l	100
7) Trichlorofluoromethane	3.02	101	673274	45.481	ug/l	100
8) Diethyl Ether	3.41	74	271164	49.603	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.77	101	427709	46.303	ug/l	98
10) Methyl Iodide	3.96	142	429759	34.932	ug/l	99
11) Tert butyl alcohol	4.78	59	140559	271.665	ug/l	97
12) 1,1-Dichloroethene	3.74	96	405596	45.616	ug/l	96
13) Acrolein	3.61	56	32697	36.361	ug/l	98
14) Allyl chloride	4.33	41	668617	43.631	ug/l	95
15) Acrylonitrile	4.99	53	836315	255.348	ug/l	99
16) Acetone	3.82	43	589918	216.407	ug/l	99
17) Carbon Disulfide	4.06	76	1083592	38.726	ug/l	99
18) Methyl Acetate	4.32	43	434680	55.591	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	1258112	53.181	ug/l	100
20) Methylene Chloride	4.55	84	490151	45.948	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	437113	46.030	ug/l	96
22) Diisopropyl ether	5.95	45	1570215	48.780	ug/l	99
23) Vinyl Acetate	5.90	43	4231231	211.041	ug/l	99
24) 1,1-Dichloroethane	5.85	63	883011	48.044	ug/l	99
25) 2-Butanone	6.83	43	944546	244.463	ug/l	97
26) 2,2-Dichloropropane	6.82	77	619704	48.714	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	536334	48.485	ug/l	97
28) Bromochloromethane	7.19	49	422272	50.303	ug/l	96
29) Tetrahydrofuran	7.21	42	625400	250.952	ug/l	98
30) Chloroform	7.37	83	867928	47.333	ug/l	99
31) Cyclohexane	7.66	56	769939	43.232	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	716016	49.284	ug/l	99
36) 1,1-Dichloropropene	7.79	75	648983	46.456	ug/l	99
37) Ethyl Acetate	6.93	43	425598	49.920	ug/l	99
38) Carbon Tetrachloride	7.78	117	602103	47.611	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	754880	44.458	ug/l	98
40) Benzene	8.04	78	1983449	47.642	ug/l	100
41) Methacrylonitrile	7.18	41	248528	53.320	ug/l	97
42) 1,2-Dichloroethane	8.13	62	620567	49.229	ug/l	99
43) Isopropyl Acetate	8.16	43	796049	55.174	ug/l	98
44) Trichloroethene	8.84	130	543357	50.952	ug/l	99
45) 1,2-Dichloropropane	9.12	63	544060	49.154	ug/l	99
46) Dibromomethane	9.21	93	310841	50.730	ug/l	98
47) Bromodichloromethane	9.40	83	656121	49.251	ug/l	98
48) Methyl methacrylate	9.20	41	394466	52.434	ug/l	98
49) 1,4-Dioxane	9.20	88	71289	913.057	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2177718	269.017	ug/l	99
52) Toluene	10.16	92	1226667	49.591	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	674967	52.666	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	780176	50.798	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	454357	52.220	ug/l	99
56) Ethyl methacrylate	10.43	69	613995	50.775	ug/l	97
57) 1,3-Dichloropropane	10.71	76	774904	50.439	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1741830	275.887	ug/l	99
59) 2-Hexanone	10.75	43	1477827	272.008	ug/l	99
60) Dibromochloromethane	10.90	129	487781	51.617	ug/l	100
61) 1,2-Dibromoethane	11.01	107	447845	51.823	ug/l	100
64) Tetrachloroethene	10.63	164	599375	57.983	ug/l	98
65) Chlorobenzene	11.43	112	1369028	49.798	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	485642	50.805	ug/l	99
67) Ethyl Benzene	11.51	91	2386288	49.567	ug/l	100
68) m/p-Xylenes	11.62	106	1776512	99.123	ug/l	100
69) o-Xylene	11.95	106	875291	50.292	ug/l	100
70) Styrene	11.96	104	1458501	52.615	ug/l	99
71) Bromoform	12.13	173	326231	51.544	ug/l #	100
73) Isopropylbenzene	12.25	105	2345436	46.506	ug/l	99
74) N-amyl acetate	12.07	43	716509	56.235	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	525419	45.799	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	468542m	47.268	ug/l	
77) Bromobenzene	12.53	156	602502	48.333	ug/l	98
78) n-propylbenzene	12.59	91	2704103	47.197	ug/l	99
79) 2-Chlorotoluene	12.68	91	1586993	46.514	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1912769	47.555	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	148540	50.043	ug/l	97
82) 4-Chlorotoluene	12.77	91	1636041	47.579	ug/l	99
83) tert-Butylbenzene	12.99	119	1696656	47.316	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1929452	47.866	ug/l	99
85) sec-Butylbenzene	13.17	105	2310291	47.303	ug/l	99
86) p-Isopropyltoluene	13.29	119	2014777	48.434	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1077471	49.414	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1058785	49.296	ug/l	99
89) n-Butylbenzene	13.62	91	1731223	50.042	ug/l	99
90) Hexachloroethane	13.88	117	312720	44.398	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	1047316	50.273	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	87080	53.072	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	633860	55.229	ug/l	100
94) Hexachlorobutadiene	15.01	225	321673	47.997	ug/l	99
95) Naphthalene	15.13	128	1419628	58.065	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	581580	55.131	ug/l	100

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

