

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120619\
 Data File : VN059504.D
 Acq On : 6 Dec 2019 10:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/9/2019 8:47:40 AM

Quant Time: Dec 06 22:31:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	251303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	401045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	372635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176337	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	182592	58.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.98%	
35) Dibromofluoromethane	7.57	113	132783	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
50) Toluene-d8	10.08	98	513818	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
62) 4-Bromofluorobenzene	12.40	95	183231	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	121881	43.584	ug/l	100
3) Chloromethane	2.04	50	134984	36.014	ug/l	98
4) Vinyl Chloride	2.17	62	109857	48.844	ug/l	100
5) Bromomethane	2.55	94	71628	52.405	ug/l	94
6) Chloroethane	2.68	64	73179	55.110	ug/l	98
7) Trichlorofluoromethane	3.00	101	165062	60.767	ug/l	98
8) Diethyl Ether	3.39	74	70247	39.692	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	116438	43.667	ug/l	96
10) Methyl Iodide	3.93	142	147955	43.821	ug/l	97
11) Tert butyl alcohol	4.75	59	114755	195.070	ug/l	99
12) 1,1-Dichloroethene	3.71	96	110069	42.228	ug/l	95
13) Acrolein	3.58	56	113346	222.008	ug/l	100
14) Allyl chloride	4.29	41	216500	42.171	ug/l	90
15) Acrylonitrile	4.95	53	333170	209.342	ug/l	98
16) Acetone	3.79	43	385213	220.343	ug/l	96
17) Carbon Disulfide	4.03	76	354963	39.912	ug/l	99
18) Methyl Acetate	4.29	43	179006	42.595	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	398073	44.810	ug/l	99
20) Methylene Chloride	4.52	84	130261	44.159	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	127120	43.587	ug/l	99
22) Diisopropyl ether	5.92	45	437102	45.744	ug/l	97
23) Vinyl Acetate	5.86	43	1877016	244.802	ug/l	98
24) 1,1-Dichloroethane	5.82	63	248996	45.871	ug/l	99
25) 2-Butanone	6.81	43	504650	212.676	ug/l	98
26) 2,2-Dichloropropane	6.80	77	222765	47.448	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	142630	44.034	ug/l	96
28) Bromochloromethane	7.17	49	104434	49.423	ug/l	96
29) Tetrahydrofuran	7.18	42	318534	213.490	ug/l	98
30) Chloroform	7.35	83	247109	47.148	ug/l	97
31) Cyclohexane	7.63	56	222390	42.283	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	217803	47.813	ug/l	97
36) 1,1-Dichloropropene	7.77	75	187963	45.039	ug/l	99
37) Ethyl Acetate	6.90	43	204391	43.845	ug/l	98
38) Carbon Tetrachloride	7.75	117	189802	47.285	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	216439	43.095	ug/l	97
40) Benzene	8.02	78	541219	44.286	ug/l	99
41) Methacrylonitrile	7.15	41	88618m	46.905	ug/l	
42) 1,2-Dichloroethane	8.10	62	211326	50.905	ug/l	97
43) Isopropyl Acetate	8.14	43	320667	46.249	ug/l	99
44) Trichloroethene	8.82	130	141143	44.194	ug/l	98
45) 1,2-Dichloropropane	9.10	63	148820	45.580	ug/l	100
46) Dibromomethane	9.19	93	95456	46.958	ug/l	96
47) Bromodichloromethane	9.39	83	197341	48.416	ug/l	100
48) Methyl methacrylate	9.18	41	146241	46.751	ug/l	91
49) 1,4-Dioxane	9.19	88	37787	798.327	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	974710	236.832	ug/l	95
52) Toluene	10.14	92	335943	45.451	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	221711	46.227	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	233012	45.836	ug/l #	89
55) 1,1,2-Trichloroethane	10.55	97	131307	45.065	ug/l	98
56) Ethyl methacrylate	10.42	69	195314	41.655	ug/l #	89
57) 1,3-Dichloropropane	10.70	76	229571	45.562	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	232133	150.973	ug/l	100
59) 2-Hexanone	10.74	43	721227	232.857	ug/l	95
60) Dibromochloromethane	10.90	129	148079	47.597	ug/l	99
61) 1,2-Dibromoethane	11.00	107	136807	45.440	ug/l	100
64) Tetrachloroethene	10.62	164	130715	41.239	ug/l	98
65) Chlorobenzene	11.43	112	349098	42.854	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	133240	45.519	ug/l	99
67) Ethyl Benzene	11.51	91	642115	44.989	ug/l	99
68) m/p-Xylenes	11.62	106	476210	89.607	ug/l	97
69) o-Xylene	11.94	106	225483	44.566	ug/l	99
70) Styrene	11.96	104	365504	45.253	ug/l	98
71) Bromoform	12.12	173	101683	44.567	ug/l #	99
73) Isopropylbenzene	12.25	105	615995	43.559	ug/l	100
74) N-amyl acetate	12.07	43	252079	44.254	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	193635	42.687	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	182888m	41.713	ug/l	
77) Bromobenzene	12.53	156	144714	40.950	ug/l	97
78) n-propylbenzene	12.59	91	731086	44.424	ug/l	99
79) 2-Chlorotoluene	12.67	91	420833	42.420	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	520977	44.083	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	69561	41.636	ug/l	90
82) 4-Chlorotoluene	12.77	91	442066	43.189	ug/l	99
83) tert-Butylbenzene	12.99	119	434169	42.316	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	515845	44.664	ug/l	100
85) sec-Butylbenzene	13.17	105	596332	43.853	ug/l	99
86) p-Isopropyltoluene	13.29	119	536840	44.054	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	262253	42.090	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	260228	41.412	ug/l	99
89) n-Butylbenzene	13.62	91	474558	43.467	ug/l	99
90) Hexachloroethane	13.87	117	103978	44.241	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	254185	42.555	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41046	43.861	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	139779	38.333	ug/l	100
94) Hexachlorobutadiene	15.01	225	86890	41.901	ug/l	99
95) Naphthalene	15.13	128	359621	36.487	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	141142	38.981	ug/l	98

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

