

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121619\
 Data File : VN059617.D
 Acq On : 16 Dec 2019 20:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/17/2019 12:51:25 PM

Quant Time: Dec 17 06:45:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	237351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	386953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	358497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	171100	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	170755	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
35) Dibromofluoromethane	7.56	113	118984	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	10.08	98	468687	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.40	95	167827	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	153459	50.035	ug/l	97
3) Chloromethane	2.04	50	221446	45.498	ug/l	100
4) Vinyl Chloride	2.17	62	217931	47.217	ug/l	99
5) Bromomethane	2.51	94	111567	41.580	ug/l	99
6) Chloroethane	2.66	64	117679	45.366	ug/l	98
7) Trichlorofluoromethane	2.99	101	250916	49.548	ug/l	97
8) Diethyl Ether	3.38	74	79699	50.370	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	121454	47.592	ug/l	100
10) Methyl Iodide	3.92	142	165409	48.959	ug/l	99
11) Tert butyl alcohol	4.75	59	133045	210.117	ug/l	99
12) 1,1-Dichloroethene	3.71	96	118186	47.474	ug/l	95
13) Acrolein	3.58	56	100038	221.791	ug/l	98
14) Allyl chloride	4.29	41	237388	46.450	ug/l	100
15) Acrylonitrile	4.95	53	381401	249.019	ug/l	100
16) Acetone	3.79	43	329981	160.923	ug/l	99
17) Carbon Disulfide	4.02	76	368283	43.060	ug/l	99
18) Methyl Acetate	4.29	43	203874	47.448	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	436106	49.614	ug/l	98
20) Methylene Chloride	4.52	84	140109	47.310	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	132282	47.664	ug/l	100
22) Diisopropyl ether	5.92	45	479610	50.904	ug/l	98
23) Vinyl Acetate	5.86	43	2099575	283.959	ug/l	99
24) 1,1-Dichloroethane	5.82	63	266433	49.921	ug/l	99
25) 2-Butanone	6.81	43	532611	217.209	ug/l	100
26) 2,2-Dichloropropane	6.80	77	221807	45.727	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	151616	49.302	ug/l	99
28) Bromochloromethane	7.17	49	110114	49.108	ug/l	100
29) Tetrahydrofuran	7.18	42	360650	241.398	ug/l	99
30) Chloroform	7.35	83	260732	49.631	ug/l	100
31) Cyclohexane	7.63	56	239842	47.560	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	229292	48.412	ug/l	99
36) 1,1-Dichloropropene	7.77	75	199008	49.316	ug/l	99
37) Ethyl Acetate	6.90	43	225153	48.005	ug/l	99
38) Carbon Tetrachloride	7.75	117	202583	48.379	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	227777	49.763	ug/l	99
40) Benzene	8.02	78	571255	48.441	ug/l	100
41) Methacrylonitrile	7.15	41	83354m	43.063	ug/l	
42) 1,2-Dichloroethane	8.10	62	223707	49.534	ug/l	100
43) Isopropyl Acetate	8.14	43	361031	49.511	ug/l	100
44) Trichloroethene	8.82	130	145129	46.983	ug/l	99
45) 1,2-Dichloropropane	9.10	63	156723	49.214	ug/l	99
46) Dibromomethane	9.19	93	103198	49.464	ug/l	98
47) Bromodichloromethane	9.39	83	209603	50.390	ug/l	99
48) Methyl methacrylate	9.18	41	167069	50.499	ug/l	96
49) 1,4-Dioxane	9.19	88	36804	776.284	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	1110801	255.496	ug/l	100
52) Toluene	10.14	92	350045	48.309	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	235941	49.045	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	249489	49.337	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	139244	48.972	ug/l	99
56) Ethyl methacrylate	10.42	69	218559	51.778	ug/l	100
57) 1,3-Dichloropropane	10.70	76	245723	49.634	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	414816	308.997	ug/l	100
59) 2-Hexanone	10.74	43	821866	239.856	ug/l	100
60) Dibromochloromethane	10.90	129	155520	50.115	ug/l	99
61) 1,2-Dibromoethane	11.00	107	147804	49.015	ug/l	98
64) Tetrachloroethene	10.62	164	129672	38.802	ug/l	98
65) Chlorobenzene	11.43	112	366454	47.242	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	141131	47.900	ug/l	99
67) Ethyl Benzene	11.51	91	680417	48.595	ug/l	99
68) m/p-Xylenes	11.62	106	502389	97.167	ug/l	99
69) o-Xylene	11.94	106	240251	48.835	ug/l	100
70) Styrene	11.96	104	389992	49.339	ug/l	100
71) Bromoform	12.12	173	109665	49.515	ug/l #	98
73) Isopropylbenzene	12.25	105	648717	48.299	ug/l	100
74) N-amyl acetate	12.07	43	308443	50.063	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	209016	49.058	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	209983m	49.575	ug/l	
77) Bromobenzene	12.52	156	153634	46.512	ug/l	99
78) n-propylbenzene	12.59	91	774728	48.795	ug/l	99
79) 2-Chlorotoluene	12.67	91	450101	46.883	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	547516	48.170	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	78754	45.923	ug/l	98
82) 4-Chlorotoluene	12.77	91	466500	47.457	ug/l	99
83) tert-Butylbenzene	12.99	119	465797	48.391	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	551290	48.778	ug/l	100
85) sec-Butylbenzene	13.17	105	624466	48.770	ug/l	100
86) p-Isopropyltoluene	13.29	119	567439	48.931	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	274687	45.225	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	273719	44.697	ug/l	99
89) n-Butylbenzene	13.61	91	509006	46.816	ug/l	100
90) Hexachloroethane	13.87	117	108180	49.351	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	271324	45.296	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	50377	43.552	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	170744	44.143	ug/l	99
94) Hexachlorobutadiene	15.01	225	82690	40.810	ug/l	98
95) Naphthalene	15.12	128	512443	44.378	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	168911	43.176	ug/l	99

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

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