

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121019\
 Data File : VN059552.D
 Acq On : 10 Dec 2019 17:00
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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apatel
 12/11/2019 2:16:04 PM

Quant Time: Dec 11 06:59:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	271139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	440910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	408037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	217723	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	187958	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
35) Dibromofluoromethane	7.57	113	135562	51.52	ug/l	0.00
Spiked Amount			Recovery	=	103.04%	
50) Toluene-d8	10.08	98	530851	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.40	95	234272	58.92	ug/l	0.00
Spiked Amount			Recovery	=	117.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	149568	47.826	ug/l	99
3) Chloromethane	2.04	50	235664	49.781	ug/l	100
4) Vinyl Chloride	2.17	62	232349	49.794	ug/l	99
5) Bromomethane	2.54	94	137441	48.358	ug/l	99
6) Chloroethane	2.68	64	136738	49.074	ug/l	96
7) Trichlorofluoromethane	3.00	101	273550	49.041	ug/l	100
8) Diethyl Ether	3.39	74	87335	45.686	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	136405	46.989	ug/l	99
10) Methyl Iodide	3.93	142	187158	47.614	ug/l	99
11) Tert butyl alcohol	4.75	59	165391	263.814	ug/l #	85
12) 1,1-Dichloroethene	3.71	96	131552	46.616	ug/l	96
13) Acrolein	3.58	56	110377	361.798	ug/l	98
14) Allyl chloride	4.30	41	266584	49.106	ug/l	99
15) Acrylonitrile	4.95	53	428850	259.362	ug/l	100
16) Acetone	3.79	43	402754	227.515	ug/l	99
17) Carbon Disulfide	4.03	76	427366	47.734	ug/l	100
18) Methyl Acetate	4.29	43	225095	48.431	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	485144	51.717	ug/l	100
20) Methylene Chloride	4.52	84	158334	49.632	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	149816	49.462	ug/l	98
22) Diisopropyl ether	5.92	45	535574	51.824	ug/l	98
23) Vinyl Acetate	5.87	43	2346000	272.131	ug/l	100
24) 1,1-Dichloroethane	5.82	63	294526	50.195	ug/l	99
25) 2-Butanone	6.81	43	615045	258.119	ug/l	99
26) 2,2-Dichloropropane	6.80	77	259803	49.011	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	170895	50.162	ug/l	100
28) Bromochloromethane	7.17	49	118804	52.846	ug/l	100
29) Tetrahydrofuran	7.19	42	415180	250.495	ug/l	100
30) Chloroform	7.35	83	293121	50.617	ug/l	98
31) Cyclohexane	7.63	56	269389	47.177	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	258752	50.367	ug/l	99
36) 1,1-Dichloropropene	7.77	75	225147	49.772	ug/l	99
37) Ethyl Acetate	6.90	43	256062	48.587	ug/l	100
38) Carbon Tetrachloride	7.75	117	228363	51.216	ug/l	98

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39) Methylcyclohexane	9.07	83	262899	51.811	ug/l	97
40) Benzene	8.02	78	651747	50.435	ug/l	99
41) Methacrylonitrile	7.16	41	110698m	50.356	ug/l	
42) 1,2-Dichloroethane	8.11	62	249231	51.764	ug/l	99
43) Isopropyl Acetate	8.15	43	406463	52.053	ug/l	99
44) Trichloroethene	8.82	130	163016	49.933	ug/l	96
45) 1,2-Dichloropropane	9.10	63	175688	51.321	ug/l	100
46) Dibromomethane	9.20	93	118691	52.463	ug/l	99
47) Bromodichloromethane	9.39	83	235041	52.274	ug/l	99
48) Methyl methacrylate	9.19	41	190608	55.827	ug/l	99
49) 1,4-Dioxane	9.19	88	56420	1291.540	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	1277696	257.549	ug/l	100
52) Toluene	10.15	92	405199	52.626	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	271569	51.838	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	285553	53.258	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	161746	51.941	ug/l	97
56) Ethyl methacrylate	10.42	69	249857	46.723	ug/l	100
57) 1,3-Dichloropropane	10.70	76	278074	52.285	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	400040	313.584	ug/l	100
59) 2-Hexanone	10.75	43	963867	254.307	ug/l	100
60) Dibromochloromethane	10.90	129	175540	47.290	ug/l	100
61) 1,2-Dibromoethane	11.00	107	167359	51.625	ug/l	100
64) Tetrachloroethene	10.62	164	141352	47.399	ug/l	99
65) Chlorobenzene	11.43	112	425789	49.802	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	160763	50.416	ug/l	99
67) Ethyl Benzene	11.51	91	783566	50.930	ug/l	100
68) m/p-Xylenes	11.62	106	581683	100.787	ug/l	97
69) o-Xylene	11.95	106	275946	51.369	ug/l	95
70) Styrene	11.96	104	457358	51.391	ug/l	98
71) Bromoform	12.13	173	140798	56.117	ug/l #	99
73) Isopropylbenzene	12.25	105	826669	50.618	ug/l	100
74) N-amyl acetate	12.07	43	386499	54.330	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.51	83	272967	49.326	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	296197m	53.199	ug/l	
77) Bromobenzene	12.53	156	215382	52.973	ug/l	97
78) n-propylbenzene	12.59	91	1073983	53.515	ug/l	99
79) 2-Chlorotoluene	12.67	91	622854	52.048	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	764225	54.569	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	111855	54.052	ug/l	96
82) 4-Chlorotoluene	12.77	91	651318	53.228	ug/l	99
83) tert-Butylbenzene	12.99	119	644667	55.201	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	758139	54.824	ug/l	99
85) sec-Butylbenzene	13.17	105	761156	47.450	ug/l	100
86) p-Isopropyltoluene	13.29	119	706710	49.293	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	351332	46.914	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	351717	47.965	ug/l	100
89) n-Butylbenzene	13.62	91	648212	48.151	ug/l	100
90) Hexachloroethane	13.88	117	128986	48.988	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	348805	49.632	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	56214	44.536	ug/l	95

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93) 1,2,4-Trichlorobenzene	14.91	180	257447	52.964	ug/l	99
94) Hexachlorobutadiene	15.01	225	138830	55.906	ug/l	99
95) Naphthalene	15.13	128	728063	51.240	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	242225	51.105	ug/l	100

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

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