

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120519\
 Data File : VN059502.D
 Acq On : 5 Dec 2019 16:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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apatel
 12/6/2019 2:54:54 PM

Quant Time: Dec 06 01:19:00 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	342336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	545745	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	495080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	231397	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	218686	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
35) Dibromofluoromethane	7.56	113	166841	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
50) Toluene-d8	10.08	98	652675	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.40	95	232660	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	152969	40.155	ug/l 100
3) Chloromethane	2.04	50	209422	41.016	ug/l 98
4) Vinyl Chloride	2.17	62	200635	65.484	ug/l 100
5) Bromomethane	2.54	94	81191	43.606	ug/l 99
6) Chloroethane	2.68	64	68805	38.038	ug/l 99
7) Trichlorofluoromethane	3.00	101	156456	42.282	ug/l 97
8) Diethyl Ether	3.38	74	94474	39.186	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	149908	41.270	ug/l 99
10) Methyl Iodide	3.92	142	191572	41.651	ug/l 99
11) Tert butyl alcohol	4.77	59	153358	191.368	ug/l 100
12) 1,1-Dichloroethene	3.71	96	141654	39.894	ug/l 98
13) Acrolein	3.58	56	149206	214.533	ug/l 98
14) Allyl chloride	4.29	41	284385	40.664	ug/l 96
15) Acrylonitrile	4.95	53	433288	199.854	ug/l 99
16) Acetone	3.80	43	450435	188.384	ug/l 98
17) Carbon Disulfide	4.02	76	464892	38.372	ug/l 100
18) Methyl Acetate	4.30	43	229352	40.062	ug/l 98
19) Methyl tert-butyl Ether	5.01	73	519165	42.900	ug/l 99
20) Methylene Chloride	4.52	84	170715	42.437	ug/l 98
21) trans-1,2-Dichloroethene	5.00	96	164067	41.296	ug/l 98
22) Diisopropyl ether	5.92	45	572537	43.984	ug/l 97
23) Vinyl Acetate	5.86	43	2421320	231.816	ug/l 99
24) 1,1-Dichloroethane	5.81	63	316592	42.814	ug/l 98
25) 2-Butanone	6.81	43	613821	189.896	ug/l 99
26) 2,2-Dichloropropane	6.80	77	273267	42.727	ug/l 99
27) cis-1,2-Dichloroethene	6.80	96	186012	42.156	ug/l 99
28) Bromochloromethane	7.17	49	140154	48.699	ug/l 96
29) Tetrahydrofuran	7.18	42	403908	198.723	ug/l 99
30) Chloroform	7.35	83	307906	43.126	ug/l 97
31) Cyclohexane	7.63	56	293709	40.993	ug/l 98
32) 1,1,1-Trichloroethane	7.54	97	264707	42.657	ug/l 98
36) 1,1-Dichloropropene	7.77	75	236600	41.661	ug/l 100
37) Ethyl Acetate	6.90	43	254504	40.120	ug/l 99
38) Carbon Tetrachloride	7.75	117	232202	42.510	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	283555	41.489	ug/l	97
40) Benzene	8.02	78	696032	41.853	ug/l	98
41) Methacrylonitrile	7.15	41	112714	43.841	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	252717	44.735	ug/l	98
43) Isopropyl Acetate	8.14	43	404647	42.887	ug/l	99
44) Trichloroethene	8.82	130	177296	40.795	ug/l	96
45) 1,2-Dichloropropane	9.10	63	190708	42.922	ug/l	99
46) Dibromomethane	9.19	93	118612	42.878	ug/l	98
47) Bromodichloromethane	9.39	83	242879	43.789	ug/l	100
48) Methyl methacrylate	9.18	41	181947	42.744	ug/l	96
49) 1,4-Dioxane	9.19	88	53425	829.442	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	1216254	217.167	ug/l	98
52) Toluene	10.14	92	423289	42.084	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	280279	42.944	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	301055	43.519	ug/l	95
55) 1,1,2-Trichloroethane	10.55	97	166582	42.013	ug/l	99
56) Ethyl methacrylate	10.42	69	256196	40.204	ug/l	96
57) 1,3-Dichloropropane	10.70	76	293379	42.787	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	396714	185.559	ug/l	100
59) 2-Hexanone	10.74	43	896247	212.642	ug/l	97
60) Dibromochloromethane	10.90	129	184145	43.496	ug/l	99
61) 1,2-Dibromoethane	11.00	107	174075	42.488	ug/l	99
64) Tetrachloroethene	10.62	164	160649	38.148	ug/l	98
65) Chlorobenzene	11.43	112	444798	41.097	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	167812	43.151	ug/l	99
67) Ethyl Benzene	11.51	91	817417	43.107	ug/l	100
68) m/p-Xylenes	11.62	106	602057	85.268	ug/l	97
69) o-Xylene	11.94	106	287846	42.821	ug/l	100
70) Styrene	11.96	104	466631	43.485	ug/l	99
71) Bromoform	12.12	173	129447	42.703	ug/l #	100
73) Isopropylbenzene	12.25	105	769051	41.442	ug/l	100
74) N-amyl acetate	12.07	43	316831	42.387	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	248254	41.705	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	229434m	39.877	ug/l	
77) Bromobenzene	12.52	156	184130	39.706	ug/l	97
78) n-propylbenzene	12.59	91	923112	42.745	ug/l	99
79) 2-Chlorotoluene	12.67	91	537563	41.293	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	650982	41.977	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	90780	41.408	ug/l	97
82) 4-Chlorotoluene	12.77	91	552455	41.131	ug/l	100
83) tert-Butylbenzene	12.99	119	549553	40.817	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	644214	42.506	ug/l	100
85) sec-Butylbenzene	13.17	105	754034	42.256	ug/l	100
86) p-Isopropyltoluene	13.29	119	683408	42.738	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	331660	40.564	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	323522	39.234	ug/l	99
89) n-Butylbenzene	13.62	91	583912	40.757	ug/l	100
90) Hexachloroethane	13.88	117	127667	41.395	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	317640	40.525	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	48435	39.428	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	179266	37.464	ug/l	100
94) Hexachlorobutadiene	15.01	225	114307	42.009	ug/l	98
95) Naphthalene	15.13	128	455524	35.304	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	178098	37.560	ug/l	99

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

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