

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121019\
 Data File : VN059537.D
 Acq On : 10 Dec 2019 10:37
 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
 12/11/2019 2:15:47 PM

Quant Time: Dec 11 06:15:43 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	7.64	168	292220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	463200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	489364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	217319	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	201315	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
35) Dibromofluoromethane	7.57	113	143596	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
50) Toluene-d8	10.08	98	682148	60.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.90%	
62) 4-Bromofluorobenzene	12.40	95	256163	61.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	149082	44.232	ug/l	99
3) Chloromethane	2.04	50	238386	46.723	ug/l	100
4) Vinyl Chloride	2.17	62	233792	46.489	ug/l	100
5) Bromomethane	2.54	94	141525	46.203	ug/l	99
6) Chloroethane	2.68	64	138909	46.257	ug/l	96
7) Trichlorofluoromethane	3.00	101	278527	46.331	ug/l	99
8) Diethyl Ether	3.39	74	88672	43.040	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	138065	44.129	ug/l	98
10) Methyl Iodide	3.92	142	192556	45.453	ug/l	99
11) Tert butyl alcohol	4.75	59	162719	240.828	ug/l	99
12) 1,1-Dichloroethene	3.71	96	133107	43.764	ug/l	96
13) Acrolein	3.58	56	118757	361.184	ug/l	98
14) Allyl chloride	4.29	41	248064	42.399	ug/l	92
15) Acrylonitrile	4.95	53	422786	237.248	ug/l	100
16) Acetone	3.79	43	418207	219.201	ug/l	99
17) Carbon Disulfide	4.03	76	440454	45.624	ug/l	99
18) Methyl Acetate	4.29	43	221233	44.166	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	494155	48.877	ug/l	99
20) Methylene Chloride	4.52	84	158858	46.185	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	154109	47.209	ug/l	97
22) Diisopropyl ether	5.92	45	542238	48.683	ug/l	97
23) Vinyl Acetate	5.86	43	2328928	250.662	ug/l	100
24) 1,1-Dichloroethane	5.82	63	301279	47.642	ug/l	99
25) 2-Butanone	6.81	43	629932	245.295	ug/l	100
26) 2,2-Dichloropropane	6.80	77	271004	47.436	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	174050	47.403	ug/l	100
28) Bromochloromethane	7.17	49	133808	55.086	ug/l	98
29) Tetrahydrofuran	7.18	42	401969	225.029	ug/l	99
30) Chloroform	7.35	83	299053	47.916	ug/l	98
31) Cyclohexane	7.63	56	276215	44.883	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	260672	47.080	ug/l	100
36) 1,1-Dichloropropene	7.77	75	228854	48.157	ug/l	100
37) Ethyl Acetate	6.90	43	251336	45.496	ug/l	99
38) Carbon Tetrachloride	7.75	117	229536	49.002	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	269569	50.569	ug/l	99
40) Benzene	8.02	78	660600	48.660	ug/l	98
41) Methacrylonitrile	7.14	41	110103	47.675	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	254032	50.222	ug/l	100
43) Isopropyl Acetate	8.14	43	406385	49.539	ug/l	100
44) Trichloroethene	8.82	130	167817	48.930	ug/l	98
45) 1,2-Dichloropropane	9.10	63	179327	49.863	ug/l	99
46) Dibromomethane	9.19	93	116932	49.198	ug/l	98
47) Bromodichloromethane	9.39	83	239536	50.710	ug/l	99
48) Methyl methacrylate	9.18	41	184535	51.447	ug/l	99
49) 1,4-Dioxane	9.18	88	56215	1224.922	ug/l	95
51) 4-Methyl-2-Pentanone	9.97	43	1472959	282.700	ug/l	96
52) Toluene	10.15	92	498379	61.613	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	324905	59.034	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	322623	57.276	ug/l #	86
55) 1,1,2-Trichloroethane	10.55	97	194283	59.387	ug/l	98
56) Ethyl methacrylate	10.42	69	298283	52.804	ug/l #	89
57) 1,3-Dichloropropane	10.70	76	330562	59.163	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	442446	330.135	ug/l	97
59) 2-Hexanone	10.74	43	1109189	278.355	ug/l	94
60) Dibromochloromethane	10.90	129	210947	53.943	ug/l	99
61) 1,2-Dibromoethane	11.00	107	201437	59.147	ug/l	99
64) Tetrachloroethene	10.63	164	173657	48.555	ug/l	98
65) Chlorobenzene	11.43	112	491811	47.964	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	188023	49.165	ug/l	100
67) Ethyl Benzene	11.51	91	937827	50.827	ug/l	100
68) m/p-Xylenes	11.62	106	725299	104.785	ug/l	99
69) o-Xylene	11.95	106	345083	53.564	ug/l	98
70) Styrene	11.96	104	578463	54.197	ug/l	100
71) Bromoform	12.13	173	159503	53.007	ug/l #	99
73) Isopropylbenzene	12.25	105	929397	57.014	ug/l	100
74) N-amyl acetate	12.07	43	419250	59.043	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	287625	52.071	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	262147m	47.171	ug/l	
77) Bromobenzene	12.53	156	221049	54.468	ug/l	96
78) n-propylbenzene	12.59	91	1025646	51.202	ug/l	100
79) 2-Chlorotoluene	12.67	91	542828	45.445	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	669076	47.864	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	117185	56.732	ug/l	97
82) 4-Chlorotoluene	12.77	91	576873	47.232	ug/l	98
83) tert-Butylbenzene	12.99	119	559522	47.999	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	666405	48.280	ug/l	99
85) sec-Butylbenzene	13.17	105	766826	47.893	ug/l	100
86) p-Isopropyltoluene	13.29	119	704332	49.218	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	346090	46.300	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	342423	46.785	ug/l	99
89) n-Butylbenzene	13.62	91	679518	50.570	ug/l	98
90) Hexachloroethane	13.88	117	130460	49.640	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	330562	47.124	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	58397	46.267	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	221248	45.602	ug/l	99
94) Hexachlorobutadiene	15.01	225	115053	46.417	ug/l	99
95) Naphthalene	15.13	128	623671	43.975	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	210922	44.891	ug/l	99

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

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