

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057802.D
 Acq On : 9 Sep 2019 15:48
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/10/2019 4:30:05 PM

Quant Time: Sep 10 02:49:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 02:26:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	365297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	598497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	570514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	348742	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	373409	43.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.24%	
35) Dibromofluoromethane	7.57	113	275791	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	10.09	98	1114443	54.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.26%	
62) 4-Bromofluorobenzene	12.40	95	395157	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	252566	44.472	ug/l	100
3) Chloromethane	2.03	50	236897	24.128	ug/l	100
4) Vinyl Chloride	2.16	62	259222	51.216	ug/l	100
5) Bromomethane	2.53	94	154061	62.281	ug/l	100
6) Chloroethane	2.67	64	162232	53.659	ug/l	100
7) Trichlorofluoromethane	2.99	101	329821	42.140	ug/l	100
8) Diethyl Ether	3.39	74	134953	43.264	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	212116	43.229	ug/l	100
10) Methyl Iodide	3.93	142	244933	49.636	ug/l	100
11) Tert butyl alcohol	4.77	59	236673	235.814	ug/l	100
12) 1,1-Dichloroethene	3.71	96	181788	41.409	ug/l	100
13) Acrolein	3.59	56	192767	356.343	ug/l	100
14) Allyl chloride	4.30	41	357776	36.478	ug/l	100
15) Acrylonitrile	4.96	53	613851	239.464	ug/l	100
16) Acetone	3.80	43	617416	228.480	ug/l	100
17) Carbon Disulfide	4.03	76	296970	31.228	ug/l	100
18) Methyl Acetate	4.30	43	320844	43.854	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	815939	43.953	ug/l	100
20) Methylene Chloride	4.53	84	241820	41.926	ug/l	100
21) trans-1,2-Dichloroethene	5.01	96	197557	42.751	ug/l	100
22) Diisopropyl ether	5.93	45	904997	42.493	ug/l	100
23) Vinyl Acetate	5.87	43	3371471	200.044	ug/l	100
24) 1,1-Dichloroethane	5.82	63	480035	43.767	ug/l	100
25) 2-Butanone	6.82	43	900487	233.411	ug/l	100
26) 2,2-Dichloropropane	6.81	77	391026	43.190	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	274065	46.416	ug/l	100
28) Bromochloromethane	7.17	49	245344	42.282	ug/l	100
29) Tetrahydrofuran	7.19	42	541904	219.488	ug/l	100
30) Chloroform	7.36	83	503014	43.953	ug/l	100
31) Cyclohexane	7.64	56	345504	36.445	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	404299	42.835	ug/l	100
36) 1,1-Dichloropropene	7.78	75	326605	42.159	ug/l	100
37) Ethyl Acetate	6.91	43	351229	45.704	ug/l	100
38) Carbon Tetrachloride	7.76	117	318437	43.307	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	346253	42.527	ug/l	100
40) Benzene	8.03	78	1017935	45.964	ug/l	100
41) Methacrylonitrile	7.16	41	161741	42.968	ug/l	100
42) 1,2-Dichloroethane	8.11	62	411931	40.574	ug/l	100
43) Isopropyl Acetate	8.15	43	613199	41.788	ug/l	100
44) Trichloroethene	8.83	130	247326	49.388	ug/l	100
45) 1,2-Dichloropropane	9.11	63	301402	48.464	ug/l	100
46) Dibromomethane	9.20	93	182646	46.213	ug/l	100
47) Bromodichloromethane	9.40	83	392521	46.769	ug/l	100
48) Methyl methacrylate	9.19	41	310242	41.134	ug/l	100
49) 1,4-Dioxane	9.19	88	102201	1112.459	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1953309	236.587	ug/l	100
52) Toluene	10.15	92	651790	48.207	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	419316	49.521	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	454406	49.506	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	287004	52.019	ug/l	100
56) Ethyl methacrylate	10.43	69	447185	51.201	ug/l	100
57) 1,3-Dichloropropane	10.71	76	490920	49.784	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1152445	259.785	ug/l	100
59) 2-Hexanone	10.75	43	1468134	250.024	ug/l	100
60) Dibromochloromethane	10.90	129	286442	53.890	ug/l	100
61) 1,2-Dibromoethane	11.00	107	272228	51.806	ug/l	100
64) Tetrachloroethene	10.63	164	198912	45.337	ug/l	100
65) Chlorobenzene	11.43	112	745072	49.930	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	274562	52.865	ug/l	100
67) Ethyl Benzene	11.51	91	1336992	47.233	ug/l	100
68) m/p-Xylenes	11.62	106	984280	99.960	ug/l	100
69) o-Xylene	11.95	106	495793	50.627	ug/l	100
70) Styrene	11.96	104	878056	51.660	ug/l	100
71) Bromoform	12.13	173	182747	54.641	ug/l	100
73) Isopropylbenzene	12.25	105	1372264	45.402	ug/l	100
74) N-amyl acetate	12.07	43	616140	41.571	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	453602	49.216	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	395022m	49.683	ug/l	
77) Bromobenzene	12.53	156	318484	47.967	ug/l	100
78) n-propylbenzene	12.59	91	1608292	45.018	ug/l	100
79) 2-Chlorotoluene	12.68	91	959975	44.052	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1177965	45.792	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	122385	48.150	ug/l	100
82) 4-Chlorotoluene	12.78	91	1013829	45.060	ug/l	100
83) tert-Butylbenzene	13.00	119	1034611	47.301	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1200465	47.063	ug/l	100
85) sec-Butylbenzene	13.17	105	1402159	46.746	ug/l	100
86) p-Isopropyltoluene	13.29	119	1269697	49.601	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	620850	49.539	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	617951	49.296	ug/l	100
89) n-Butylbenzene	13.62	91	1183267	47.155	ug/l	100
90) Hexachloroethane	13.88	117	190282	48.140	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	619154	50.236	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	81118	45.935	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	378373	51.403	ug/l	100
94) Hexachlorobutadiene	15.01	225	161920	45.913	ug/l	100
95) Naphthalene	15.13	128	1089819	50.976	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	351152	49.918	ug/l	100

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

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