

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052954.D
 Acq On : 18 Dec 2018 11:49
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 12:06:24 PM

Quant Time: Dec 18 12:13:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 12:10:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1098797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1687133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1503237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	724897	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	583311	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
35) Dibromofluoromethane	7.59	113	385099	40.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.78%	
50) Toluene-d8	10.09	98	2134572	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
62) 4-Bromofluorobenzene	12.40	95	748708	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	541405	47.865	ug/l	99
3) Chloromethane	2.06	50	669041	49.283	ug/l	100
4) Vinyl Chloride	2.19	62	670481	49.367	ug/l	99
5) Bromomethane	2.57	94	434582	51.879	ug/l	99
6) Chloroethane	2.71	64	397177	49.475	ug/l	100
7) Trichlorofluoromethane	3.02	101	840767	49.932	ug/l	99
8) Diethyl Ether	3.41	74	319479	52.013	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	523535	50.167	ug/l	99
10) Methyl Iodide	3.96	142	789157	53.998	ug/l	99
11) Tert butyl alcohol	4.77	59	173395	265.612	ug/l	99
12) 1,1-Dichloroethene	3.74	96	519541	51.428	ug/l	98
13) Acrolein	3.61	56	158054	257.154	ug/l	99
14) Allyl chloride	4.33	41	802926	48.660	ug/l	98
15) Acrylonitrile	4.98	53	942711	257.407	ug/l	100
16) Acetone	3.81	43	528320	201.342	ug/l	99
17) Carbon Disulfide	4.06	76	1612831	51.970	ug/l	100
18) Methyl Acetate	4.32	43	483372	50.194	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	1405769	51.258	ug/l	99
20) Methylene Chloride	4.55	84	577874	48.937	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	548426	50.108	ug/l	100
22) Diisopropyl ether	5.95	45	1740313	49.438	ug/l	98
23) Vinyl Acetate	5.89	43	4833573	230.759	ug/l	99
24) 1,1-Dichloroethane	5.85	63	1018600	50.178	ug/l	98
25) 2-Butanone	6.83	43	944301	231.929	ug/l	98
26) 2,2-Dichloropropane	6.82	77	768741	51.424	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	630647	50.769	ug/l	99
28) Bromochloromethane	7.19	49	449890	49.354	ug/l	96
29) Tetrahydrofuran	7.21	42	697501	250.939	ug/l	98
30) Chloroform	7.37	83	1003184	50.677	ug/l	99
31) Cyclohexane	7.65	56	956260	42.250	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	850859	51.373	ug/l	99
36) 1,1-Dichloropropene	7.79	75	786785	50.642	ug/l	99
37) Ethyl Acetate	6.93	43	463499	49.661	ug/l	99
38) Carbon Tetrachloride	7.77	117	738502	51.642	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	949701	49.812	ug/l	98
40) Benzene	8.04	78	2370731	50.841	ug/l	100
41) Methacrylonitrile	7.17	41	263931	51.038	ug/l	97
42) 1,2-Dichloroethane	8.12	62	704382	50.176	ug/l	99
43) Isopropyl Acetate	8.16	43	878857	45.928	ug/l	99
44) Trichloroethene	8.84	130	688106	54.632	ug/l	97
45) 1,2-Dichloropropane	9.12	63	622678	50.982	ug/l	99
46) Dibromomethane	9.21	93	361431	51.026	ug/l	98
47) Bromodichloromethane	9.40	83	768501	52.320	ug/l	99
48) Methyl methacrylate	9.20	41	438364	52.237	ug/l	99
49) 1,4-Dioxane	9.20	88	106249	1115.427	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	2252987	256.766	ug/l	99
52) Toluene	10.16	92	1480390	52.418	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	816539	55.244	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	945085	53.658	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	517998	51.381	ug/l	98
56) Ethyl methacrylate	10.43	69	698605	53.996	ug/l	98
57) 1,3-Dichloropropane	10.71	76	899780	52.045	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1943448	269.206	ug/l	98
59) 2-Hexanone	10.75	43	1514535	251.863	ug/l	99
60) Dibromochloromethane	10.90	129	594820	54.592	ug/l	99
61) 1,2-Dibromoethane	11.00	107	528936	53.078	ug/l	99
64) Tetrachloroethene	10.63	164	814757	63.062	ug/l	99
65) Chlorobenzene	11.43	112	1636870	52.486	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	575795	53.086	ug/l	99
67) Ethyl Benzene	11.51	91	2836085	52.954	ug/l	100
68) m/p-Xylenes	11.62	106	2155345	107.177	ug/l	99
69) o-Xylene	11.95	106	1049956	53.468	ug/l	100
70) Styrene	11.96	104	1726309	54.686	ug/l	99
71) Bromoform	12.13	173	422483	57.335	ug/l #	99
73) Isopropylbenzene	12.25	105	2778448	51.335	ug/l	99
74) N-amyl acetate	12.07	43	793002	53.368	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	526986	43.445	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	620137m	57.984	ug/l	
77) Bromobenzene	12.53	156	719703	52.281	ug/l	98
78) n-propylbenzene	12.59	91	3173233	51.407	ug/l	99
79) 2-Chlorotoluene	12.67	91	1868348	51.198	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2253645	51.581	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	194048	58.287	ug/l	94
82) 4-Chlorotoluene	12.77	91	1906608	51.101	ug/l	100
83) tert-Butylbenzene	12.99	119	1961924	50.904	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2289203	51.755	ug/l	100
85) sec-Butylbenzene	13.17	105	2654338	50.854	ug/l	100
86) p-Isopropyltoluene	13.29	119	2327755	51.475	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1271007	51.956	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1249030	51.557	ug/l	100
89) n-Butylbenzene	13.62	91	1953223	51.308	ug/l	100
90) Hexachloroethane	13.88	117	358415	47.333	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1198732	50.940	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	94675	51.779	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	626106	48.946	ug/l	100
94) Hexachlorobutadiene	15.01	225	345208	46.624	ug/l	99
95) Naphthalene	15.13	128	1366915	51.595	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	564383	48.084	ug/l	99

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

