

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102318\
 Data File : VN051962.D
 Acq On : 23 Oct 2018 14:00
 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
 10/24/2018 10:09:21 AM

Quant Time: Oct 24 04:38:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 04:09:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1072570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1582078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1492058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	855733	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	493262	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	7.59	113	512814	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
50) Toluene-d8	10.09	98	1864924	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.40	95	653210	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	331529	48.708	ug/l	100
3) Chloromethane	2.06	50	299590	48.885	ug/l	100
4) Vinyl Chloride	2.19	62	402100	48.949	ug/l	100
5) Bromomethane	2.57	94	407758	51.844	ug/l	100
6) Chloroethane	2.71	64	302061	49.529	ug/l	100
7) Trichlorofluoromethane	3.02	101	721718	49.308	ug/l	100
8) Diethyl Ether	3.41	74	219817	50.512	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.77	101	430829	49.135	ug/l	100
10) Methyl Iodide	3.96	142	671250	51.743	ug/l	100
11) Tert butyl alcohol	4.78	59	125359	252.127	ug/l	100
12) 1,1-Dichloroethene	3.74	96	398117	50.700	ug/l	100
13) Acrolein	3.61	56	66512	269.095	ug/l	100
14) Allyl chloride	4.33	41	420301	56.171	ug/l	100
15) Acrylonitrile	4.99	53	542829	267.352	ug/l	100
16) Acetone	3.82	43	391187	248.555	ug/l	100
17) Carbon Disulfide	4.06	76	948434	50.812	ug/l	100
18) Methyl Acetate	4.33	43	249293	46.945	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1085160	51.473	ug/l	100
20) Methylene Chloride	4.56	84	452154	48.973	ug/l	100
21) trans-1,2-Dichloroethene	5.05	96	452629	50.897	ug/l	100
22) Diisopropyl ether	5.95	45	976465	52.530	ug/l	100
23) Vinyl Acetate	5.90	43	3414873	264.063	ug/l	100
24) 1,1-Dichloroethane	5.86	63	704808	50.782	ug/l	100
25) 2-Butanone	6.84	43	596409	265.818	ug/l	100
26) 2,2-Dichloropropane	6.83	77	663195	52.227	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	532761	51.509	ug/l	100
28) Bromochloromethane	7.20	49	301511	53.902	ug/l	100
29) Tetrahydrofuran	7.21	42	373681	245.818	ug/l	100
30) Chloroform	7.38	83	865802	51.088	ug/l	100
31) Cyclohexane	7.66	56	578891	38.719	ug/l	100
32) 1,1,1-Trichloroethane	7.58	97	804370	51.905	ug/l	100
36) 1,1-Dichloropropene	7.80	75	612886	50.502	ug/l	100
37) Ethyl Acetate	6.93	43	282315	53.040	ug/l	100
38) Carbon Tetrachloride	7.78	117	723253	51.912	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	757031	51.073	ug/l	100
40) Benzene	8.05	78	1846386	51.241	ug/l	100
41) Methacrylonitrile	7.18	41	134542	49.335	ug/l	100
42) 1,2-Dichloroethane	8.13	62	583589	50.513	ug/l	100
43) Isopropyl Acetate	8.17	43	524983	51.653	ug/l	100
44) Trichloroethene	8.84	130	580649	50.204	ug/l	100
45) 1,2-Dichloropropane	9.12	63	420070	51.535	ug/l	100
46) Dibromomethane	9.21	93	335265	51.024	ug/l	100
47) Bromodichloromethane	9.41	83	648344	52.246	ug/l	100
48) Methyl methacrylate	9.20	41	252259	51.350	ug/l	100
49) 1,4-Dioxane	9.20	88	100456	1115.202	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	1442184	257.966	ug/l	100
52) Toluene	10.16	92	1279543	52.366	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	628209	55.252	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	699271	53.913	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	465807	51.596	ug/l	100
56) Ethyl methacrylate	10.43	69	519597	53.542	ug/l	100
57) 1,3-Dichloropropane	10.71	76	697904	50.921	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1339215	263.740	ug/l	100
59) 2-Hexanone	10.75	43	997972	265.680	ug/l	100
60) Dibromochloromethane	10.90	129	555416	54.898	ug/l	100
61) 1,2-Dibromoethane	11.01	107	505779	53.134	ug/l	100
64) Tetrachloroethene	10.63	164	558432	48.763	ug/l	100
65) Chlorobenzene	11.43	112	1529264	50.764	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	571451	52.775	ug/l	100
67) Ethyl Benzene	11.51	91	2496448	51.554	ug/l	100
68) m/p-Xylenes	11.62	106	2055143	106.223	ug/l	100
69) o-Xylene	11.95	106	994644	52.861	ug/l	100
70) Styrene	11.96	104	1613808	53.661	ug/l	100
71) Bromoform	12.13	173	362160	54.831	ug/l #	100
73) Isopropylbenzene	12.25	105	2698452	49.722	ug/l	100
74) N-amyl acetate	12.07	43	518040	48.496	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	547228	48.800	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	431231m	49.483	ug/l	
77) Bromobenzene	12.53	156	737966	49.271	ug/l	100
78) n-propylbenzene	12.59	91	2926406	49.986	ug/l	100
79) 2-Chlorotoluene	12.67	91	1688339	49.522	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2235461	51.341	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	131732	55.286	ug/l	100
82) 4-Chlorotoluene	12.77	91	1767097	50.062	ug/l	100
83) tert-Butylbenzene	12.99	119	2094597	50.862	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	2303417	51.286	ug/l	100
85) sec-Butylbenzene	13.17	105	2743545	51.009	ug/l	100
86) p-Isopropyltoluene	13.29	119	2503424	51.698	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1381782	50.021	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1391544	51.096	ug/l	100
89) n-Butylbenzene	13.61	91	1966885	51.011	ug/l	100
90) Hexachloroethane	13.88	117	376843	52.237	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1357116	50.783	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	85146	49.453	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	789595	50.019	ug/l	100
94) Hexachlorobutadiene	15.01	225	383367	47.264	ug/l	100
95) Naphthalene	15.13	128	1815220	52.949	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	748860	49.630	ug/l	100

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

