

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082918\
 Data File : VN050934.D
 Acq On : 29 Aug 2018 8:06
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/30/2018 11:07:22 AM

Quant Time: Aug 29 14:38:53 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	638712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	882553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	805460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	422916	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	364610	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
35) Dibromofluoromethane	7.59	113	352673	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	10.09	98	1335018	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.40	95	451108	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	413665	48.395	ug/l	99
3) Chloromethane	2.06	50	457901	43.432	ug/l	99
4) Vinyl Chloride	2.18	62	454696	45.529	ug/l	99
5) Bromomethane	2.56	94	264159	46.466	ug/l	97
6) Chloroethane	2.70	64	262984	45.575	ug/l	99
7) Trichlorofluoromethane	3.01	101	612663	47.907	ug/l	100
8) Diethyl Ether	3.41	74	207969	47.825	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	388952	48.681	ug/l	100
10) Methyl Iodide	3.95	142	337391	48.357	ug/l	99
11) Tert butyl alcohol	4.79	59	119996	245.072	ug/l	99
12) 1,1-Dichloroethene	3.73	96	335878	46.821	ug/l	98
13) Acrolein	3.61	56	60079	212.983	ug/l	99
14) Allyl chloride	4.32	41	530373	47.447	ug/l	99
15) Acrylonitrile	4.99	53	620265	249.265	ug/l	99
16) Acetone	3.82	43	493196	271.471	ug/l	100
17) Carbon Disulfide	4.05	76	1012848	42.117	ug/l	99
18) Methyl Acetate	4.33	43	381438	52.535	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	914815	50.698	ug/l	98
20) Methylene Chloride	4.55	84	387410	44.704	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	362726	46.749	ug/l	98
22) Diisopropyl ether	5.95	45	1128828	50.672	ug/l	99
23) Vinyl Acetate	5.90	43	3506574	244.422	ug/l	100
24) 1,1-Dichloroethane	5.85	63	665692	46.545	ug/l	99
25) 2-Butanone	6.84	43	717768	231.635	ug/l	100
26) 2,2-Dichloropropane	6.82	77	548543	47.733	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	406277	48.569	ug/l	99
28) Bromochloromethane	7.19	49	301399	49.595	ug/l	98
29) Tetrahydrofuran	7.21	42	450645	253.653	ug/l	99
30) Chloroform	7.37	83	677820	47.861	ug/l	99
31) Cyclohexane	7.65	56	600568	46.241	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	573575	47.151	ug/l	100
36) 1,1-Dichloropropene	7.79	75	521021	50.028	ug/l	99
37) Ethyl Acetate	6.93	43	301422	50.384	ug/l	99
38) Carbon Tetrachloride	7.77	117	517968	49.203	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	586994	52.098	ug/l	99
40) Benzene	8.04	78	1562262	49.746	ug/l	100
41) Methacrylonitrile	7.17	41	161925	50.014	ug/l	98
42) 1,2-Dichloroethane	8.12	62	463653	49.381	ug/l	100
43) Isopropyl Acetate	8.17	43	537848	52.289	ug/l	99
44) Trichloroethene	8.83	130	407999	49.260	ug/l	100
45) 1,2-Dichloropropane	9.12	63	407482	49.369	ug/l	99
46) Dibromomethane	9.21	93	240760	49.644	ug/l	99
47) Bromodichloromethane	9.40	83	516116	50.810	ug/l	98
48) Methyl methacrylate	9.20	41	272723	52.025	ug/l	99
49) 1,4-Dioxane	9.20	88	76410	1069.231	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1543829	251.511	ug/l	100
52) Toluene	10.16	92	971147	52.201	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	515690	51.005	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	603850	52.156	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	346222	50.141	ug/l	99
56) Ethyl methacrylate	10.43	69	427038	47.657	ug/l	99
57) 1,3-Dichloropropane	10.71	76	577804	50.697	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	910126	233.074	ug/l	99
59) 2-Hexanone	10.75	43	1048480	256.581	ug/l	99
60) Dibromochloromethane	10.90	129	400759	51.837	ug/l	100
61) 1,2-Dibromoethane	11.01	107	341856	51.200	ug/l	100
64) Tetrachloroethene	10.63	164	371157	48.515	ug/l	99
65) Chlorobenzene	11.43	112	1055150	50.119	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	392413	50.943	ug/l	99
67) Ethyl Benzene	11.51	91	1806471	52.780	ug/l	99
68) m/p-Xylenes	11.62	106	1406625	108.273	ug/l	100
69) o-Xylene	11.95	106	674265	53.985	ug/l	99
70) Styrene	11.96	104	1085427	49.331	ug/l	100
71) Bromoform	12.13	173	278323	52.541	ug/l	100
73) Isopropylbenzene	12.25	105	1793448	51.214	ug/l	100
74) N-amyl acetate	12.07	43	440500	50.063	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	433315	51.965	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	323573m	43.683	ug/l	
77) Bromobenzene	12.53	156	456043	47.917	ug/l	98
78) n-propylbenzene	12.59	91	2057282	52.589	ug/l	100
79) 2-Chlorotoluene	12.67	91	1205745	49.482	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1476897	52.268	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	112544	51.363	ug/l	98
82) 4-Chlorotoluene	12.77	91	1225237	50.933	ug/l	100
83) tert-Butylbenzene	12.99	119	1263509	51.632	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1505374	52.963	ug/l	100
85) sec-Butylbenzene	13.17	105	1694555	52.845	ug/l	100
86) p-Isopropyltoluene	13.29	119	1499605	54.884	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	798663	49.450	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	778650	48.986	ug/l	99
89) n-Butylbenzene	13.62	91	1195025	54.685	ug/l	100
90) Hexachloroethane	13.88	117	273270	52.468	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	764885	49.088	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	59874	47.608	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	362896	45.197	ug/l	99
94) Hexachlorobutadiene	15.01	225	245299	53.178	ug/l	99
95) Naphthalene	15.14	128	688468	41.744	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	358160	47.324	ug/l	99

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

