

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091918\
 Data File : VN051310.D
 Acq On : 19 Sep 2018 11:03
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/20/2018 1:42:07 PM

Quant Time: Sep 19 15:43:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	557532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	746292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	679998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	352975	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	274455	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	
35) Dibromofluoromethane	7.59	113	277968	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	10.09	98	1038189	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
62) 4-Bromofluorobenzene	12.40	95	343386	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	262644	48.57	ug/l	100
3) Chloromethane	2.06	50	335348	48.15	ug/l	99
4) Vinyl Chloride	2.18	62	339587	46.52	ug/l	99
5) Bromomethane	2.56	94	199292	46.25	ug/l	97
6) Chloroethane	2.70	64	204349	46.93	ug/l	99
7) Trichlorofluoromethane	3.01	101	482701	48.25	ug/l	96
8) Diethyl Ether	3.41	74	158309	48.36	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	298568	47.77	ug/l	100
10) Methyl Iodide	3.95	142	288811	46.38	ug/l	99
11) Tert butyl alcohol	4.79	59	80961	242.64	ug/l	100
12) 1,1-Dichloroethene	3.74	96	269583	47.75	ug/l	99
13) Acrolein	3.61	56	143094	280.67	ug/l	100
14) Allyl chloride	4.32	41	397107	47.65	ug/l	98
15) Acrylonitrile	4.99	53	427584	244.94	ug/l	99
16) Acetone	3.82	43	348671	264.29	ug/l	99
17) Carbon Disulfide	4.05	76	792744	45.69	ug/l	100
18) Methyl Acetate	4.33	43	199158	48.34	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	684560	50.60	ug/l	98
20) Methylene Chloride	4.55	84	301210	45.42	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	288355	46.59	ug/l	100
22) Diisopropyl ether	5.95	45	820644	50.84	ug/l	99
23) Vinyl Acetate	5.90	43	2631223	251.57	ug/l	99
24) 1,1-Dichloroethane	5.85	63	511147	47.36	ug/l	99
25) 2-Butanone	6.84	43	466050	240.11	ug/l	99
26) 2,2-Dichloropropane	6.82	77	433083	49.34	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	323329	48.90	ug/l	99
28) Bromochloromethane	7.19	49	217681	45.80	ug/l	97
29) Tetrahydrofuran	7.21	42	290090	241.72	ug/l	98
30) Chloroform	7.37	83	521151	47.28	ug/l	100
31) Cyclohexane	7.65	56	453310	46.38	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	457365	48.36	ug/l	100
36) 1,1-Dichloropropene	7.79	75	406070	50.27	ug/l	99
37) Ethyl Acetate	6.93	43	203493	49.00	ug/l	100
38) Carbon Tetrachloride	7.77	117	419774	49.83	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	464497	52.93	ug/l	99
40) Benzene	8.04	78	1200600	49.95	ug/l	100
41) Methacrylonitrile	7.18	41	113538	53.28	ug/l	97
42) 1,2-Dichloroethane	8.12	62	353685	50.04	ug/l	99
43) Isopropyl Acetate	8.16	43	363946	50.65	ug/l	99
44) Trichloroethene	8.84	130	335888	49.71	ug/l	97
45) 1,2-Dichloropropane	9.12	63	309303	50.76	ug/l	98
46) Dibromomethane	9.21	93	183854	49.53	ug/l	99
47) Bromodichloromethane	9.40	83	397868	50.29	ug/l	98
48) Methyl methacrylate	9.20	41	181093	52.33	ug/l	100
49) 1,4-Dioxane	9.20	88	51158	1021.73	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	973684	262.60	ug/l	99
52) Toluene	10.16	92	761702	52.94	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	393475	52.92	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	469193	52.84	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	266274	51.75	ug/l	100
56) Ethyl methacrylate	10.43	69	309098	47.34	ug/l	99
57) 1,3-Dichloropropane	10.71	76	432800	51.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	707648	235.39	ug/l	100
59) 2-Hexanone	10.75	43	657181	269.19	ug/l	99
60) Dibromochloromethane	10.90	129	317804	52.49	ug/l	100
61) 1,2-Dibromoethane	11.01	107	260014	52.58	ug/l	99
64) Tetrachloroethene	10.63	164	314156	48.66	ug/l	99
65) Chlorobenzene	11.43	112	846604	50.33	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	318122	49.96	ug/l	100
67) Ethyl Benzene	11.51	91	1420850	53.01	ug/l	100
68) m/p-Xylenes	11.62	106	1141108	109.59	ug/l	99
69) o-Xylene	11.95	106	538915	54.31	ug/l	99
70) Styrene	11.96	104	873963	49.80	ug/l	99
71) Bromoform	12.13	173	215159	50.95	ug/l	# 100
73) Isopropylbenzene	12.25	105	1439165	48.34	ug/l	99
74) N-amyl acetate	12.07	43	294329	48.17	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	311323	50.18	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	242875m	50.36	ug/l	
77) Bromobenzene	12.53	156	373342	50.15	ug/l	98
78) n-propylbenzene	12.59	91	1607448	50.06	ug/l	100
79) 2-Chlorotoluene	12.67	91	952303	46.66	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1192893	50.12	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	81914	51.54	ug/l	99
82) 4-Chlorotoluene	12.77	91	955514	49.21	ug/l	99
83) tert-Butylbenzene	12.99	119	1033860	49.16	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1214649	52.56	ug/l	100
85) sec-Butylbenzene	13.17	105	1357094	50.81	ug/l	100
86) p-Isopropyltoluene	13.29	119	1219879	54.47	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	646276	49.15	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	619560	49.74	ug/l	98
89) n-Butylbenzene	13.62	91	925512	50.31	ug/l	99
90) Hexachloroethane	13.87	117	216582	49.56	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	613900	50.64	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	40995	47.23	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	273125	46.29	ug/l	99
94) Hexachlorobutadiene	15.01	225	218478	54.32	ug/l	100
95) Naphthalene	15.13	128	460148	42.64	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	263985	47.10	ug/l	98

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

