

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091318\
 Data File : VN051157.D
 Acq On : 13 Sep 2018 8:27
 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
 9/14/2018 11:46:56 AM

Quant Time: Sep 14 01:18:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	625349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	878459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	797239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	422683	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	344876	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	7.59	113	334289	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	10.09	98	1247247	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.40	95	426994	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	268698	44.56	ug/l	98
3) Chloromethane	2.06	50	352699	45.23	ug/l	100
4) Vinyl Chloride	2.18	62	363331	43.89	ug/l	98
5) Bromomethane	2.55	94	210658	45.00	ug/l	100
6) Chloroethane	2.70	64	222277	43.51	ug/l	98
7) Trichlorofluoromethane	3.01	101	504893	46.03	ug/l	99
8) Diethyl Ether	3.41	74	195170	48.38	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	324629	45.91	ug/l	100
10) Methyl Iodide	3.95	142	239218	37.73	ug/l	100
11) Tert butyl alcohol	4.80	59	143914	270.74	ug/l	100
12) 1,1-Dichloroethene	3.73	96	294523	44.15	ug/l	99
13) Acrolein	3.61	56	131114	206.74	ug/l	99
14) Allyl chloride	4.32	41	469529	46.20	ug/l	99
15) Acrylonitrile	4.99	53	635478	269.80	ug/l	99
16) Acetone	3.82	43	506730	295.55	ug/l	100
17) Carbon Disulfide	4.05	76	858235	43.67	ug/l	99
18) Methyl Acetate	4.33	43	299982	53.83	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	887146	50.31	ug/l	99
20) Methylene Chloride	4.55	84	348921	45.39	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	325282	44.96	ug/l	99
22) Diisopropyl ether	5.95	45	1007219	49.93	ug/l	97
23) Vinyl Acetate	5.90	43	3550526	260.07	ug/l	99
24) 1,1-Dichloroethane	5.85	63	593547	46.37	ug/l	99
25) 2-Butanone	6.84	43	753184	275.27	ug/l	99
26) 2,2-Dichloropropane	6.82	77	472829	45.13	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	365789	46.08	ug/l	100
28) Bromochloromethane	7.19	49	284034	49.86	ug/l	99
29) Tetrahydrofuran	7.21	42	474911	277.95	ug/l	99
30) Chloroform	7.37	83	604294	47.46	ug/l	100
31) Cyclohexane	7.65	56	521331	45.66	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	507805	46.80	ug/l	100
36) 1,1-Dichloropropene	7.79	75	458985	47.59	ug/l	100
37) Ethyl Acetate	6.93	43	316905	56.73	ug/l	99
38) Carbon Tetrachloride	7.77	117	454677	47.90	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	511063	48.03	ug/l	98
40) Benzene	8.04	78	1394561	47.98	ug/l	99
41) Methacrylonitrile	7.18	41	145938	50.64	ug/l	98
42) 1,2-Dichloroethane	8.13	62	419077	49.47	ug/l	99
43) Isopropyl Acetate	8.17	43	548792	55.68	ug/l	98
44) Trichloroethene	8.83	130	371537	46.74	ug/l	98
45) 1,2-Dichloropropane	9.12	63	364820	48.58	ug/l	99
46) Dibromomethane	9.21	93	226153	49.36	ug/l	100
47) Bromodichloromethane	9.40	83	463431	49.74	ug/l	99
48) Methyl methacrylate	9.20	41	267026	55.59	ug/l	99
49) 1,4-Dioxane	9.20	88	86000	1141.82	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1572227	288.46	ug/l	100
52) Toluene	10.16	92	875292	49.39	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	474891	50.93	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	541780	49.55	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	328654	51.05	ug/l	100
56) Ethyl methacrylate	10.43	69	436729	50.53	ug/l	99
57) 1,3-Dichloropropane	10.71	76	546105	51.17	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	892612	246.05	ug/l	100
59) 2-Hexanone	10.75	43	1084587	293.42	ug/l	99
60) Dibromochloromethane	10.90	129	372733	51.37	ug/l	99
61) 1,2-Dibromoethane	11.01	107	328190	52.15	ug/l	99
64) Tetrachloroethene	10.63	164	347864	47.82	ug/l	99
65) Chlorobenzene	11.43	112	964833	48.01	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	356962	49.34	ug/l	100
67) Ethyl Benzene	11.51	91	1639600	50.38	ug/l	100
68) m/p-Xylenes	11.62	106	1279118	102.29	ug/l	99
69) o-Xylene	11.95	106	611459	50.50	ug/l	98
70) Styrene	11.96	104	1015293	54.05	ug/l	99
71) Bromoform	12.13	173	275439	54.07	ug/l #	100
73) Isopropylbenzene	12.25	105	1640372	46.28	ug/l	100
74) N-amyl acetate	12.07	43	456331	51.15	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	440803	54.34	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	346806m	53.01	ug/l	
77) Bromobenzene	12.53	156	427577	44.91	ug/l	99
78) n-propylbenzene	12.59	91	1852793	47.55	ug/l	99
79) 2-Chlorotoluene	12.67	91	1105444	45.39	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1363386	47.57	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	112741	50.66	ug/l	99
82) 4-Chlorotoluene	12.77	91	1120857	46.37	ug/l	100
83) tert-Butylbenzene	12.99	119	1154964	45.65	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1377202	48.87	ug/l	100
85) sec-Butylbenzene	13.17	105	1548038	47.71	ug/l	99
86) p-Isopropyltoluene	13.29	119	1364112	49.58	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	743537	46.03	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	723177	48.76	ug/l	99
89) n-Butylbenzene	13.62	91	1068071	49.88	ug/l	100
90) Hexachloroethane	13.87	117	236935	47.27	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	726026	46.13	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	64593	53.31	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	337362	44.80	ug/l	99
94) Hexachlorobutadiene	15.01	225	232276	50.66	ug/l	99
95) Naphthalene	15.13	128	709300	45.20	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	337208	46.62	ug/l	99

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

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