Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM092317\
Data File : BM011700.D
Acq On : 23 Sep 2017 11:10
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02036

Quant Time: Sep 25 01:50:56 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	210037	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.76	136	842769	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.58	164	435533	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.32	188	954213	20.00	ng/ul	-0.01
78) Chrysene-d12	21.49	240	1059257	20.00	ng/ul	-0.01
86) Perylene-d12	23.85	264	1134505	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	41429	8.87	ng/uL	0.00
5) Phenol-d5	7.10	99	377719	18.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	275017	20.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	298339	19.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	281817	17.90	ng/ul	-0.01
19) Nitrobenzene-d5	9.11	128	137970	21.57	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.83	143	153820	23.13	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.37	165	271328	20.27	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.89	131	344351	23.31	ng/ul	-0.01
44) Dimethylphthalate-d6	13.99	166	743293	20.19	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	925653	20.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	139843	20.21	ng/ul	0.00
58) Fluorene-d10	15.57	176	630776	19.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	112509	20.26	ng/ul	-0.01
71) Anthracene-d10	17.42	188	959223	20.41	ng/ul	-0.01
79) Pyrene-d10	19.71	212	1069420	21.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.70	264	1077293	19.92	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	43795	8.557	ng/uL#	25
4) Benzaldehyde	7.09	77	236653	20.535	ng/ul	99
6) Phenol	7.13	94	380379	19.000	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.37	93	301251	19.114	ng/ul#	83
10) 2-Chlorophenol	7.51	128	293076	19.766	ng/ul	90
11) 2-Methylphenol	8.39	108	274844	18.106	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.48	45	575936	22.545	ng/ul#	89
14) Acetophenone	8.77	105	443889	18.444	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.75	70	250093	19.366	ng/ul#	68
16) 4-Methylphenol	8.71	108	294104	17.708	ng/ul	93
17) Hexachloroethane	9.03	117	128666	22.699	ng/ul	81
20) Nitrobenzene	9.16	77	362379	24.089	ng/ul	99
21) Isophorone	9.67	82	649944	21.458	ng/ul	96
23) 2-Nitrophenol	9.87	139	152926	21.884	ng/ul	91
24) 2,4-Dimethylphenol	9.92	107	320988	21.468	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.16	93	386824	19.586	ng/ul	98
27) 2,4-Dichlorophenol	10.40	162	261065	20.225	ng/ul	98
28) Naphthalene	10.80	128	868285	19.868	ng/ul	98
30) 4-Chloroaniline	10.91	127	327381	23.321	ng/ul	94
31) Hexachlorobutadiene	11.08	225	173438	23.674	ng/ul	97
32) Caprolactam	11.69	113	81211	19.986	ng/ul#	32
33) 4-Chloro-3-methylphenol	12.03	107	278696	20.365	ng/ul	98
34) 2-Methylnaphthalene	12.41	142	593550	18.289	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.63	142	568249	18.384	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.77	216	299280	23.165	ng/ul#	96
38) Hexachlorocyclopentadiene	12.75	237	169491	23.405	ng/ul#	99
39) 2,4,6-Trichlorophenol	13.02	196	204797	23.283	ng/ul	98
40) 2,4,5-Trichlorophenol	13.09	196	205073	22.993	ng/ul	98
41) 1,1'-Biphenyl	13.42	154	736997	20.335	ng/ul#	96
42) 2-Chloronaphthalene	13.46	162	574827	21.079	ng/ul	98
43) 2-Nitroaniline	13.66	65	221350	26.134	ng/ul#	76
45) Dimethylphthalate	14.03	163	702677	19.933	ng/ul#	98
46) 2,6-Dinitrotoluene	14.16	165	137292	22.052	ng/ul#	85
48) Acenaphthylene	14.30	152	914083	20.395	ng/ul	99
49) 3-Nitroaniline	14.49	138	145047	18.894	ng/ul	92
50) Acenaphthene	14.65	153	605278	19.987	ng/ul	99
51) 2,4-Dinitrophenol	14.69	184	77721	20.205	ng/ul#	57
53) 4-Nitrophenol	14.79	109	119307	26.827	ng/ul#	83
54) Dibenzofuran	14.98	168	845234	19.954	ng/ul	98
55) 2,4-Dinitrotoluene	14.94	165	190954	20.864	ng/ul#	60
56) 2,3,4,6-Tetrachlorophenol	15.20	232	181791	22.364	ng/ul#	80
57) Diethylphthalate	15.39	149	740038	20.172	ng/ul	94
59) Fluorene	15.63	166	695734	19.597	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.62	204	343809	20.669	ng/ul	91
61) 4-Nitroaniline	15.65	138	148407	18.047	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.70	198	116793	20.528	ng/ul#	85
65) N-Nitrosodiphenylamine	15.83	169	575509	19.800	ng/ul	97
66) 4-Bromophenyl-phenylether	16.51	248	205994	21.136	ng/ul	94
67) Hexachlorobenzene	16.63	284	231318	21.561	ng/ul#	88
68) Atrazine	16.77	200	209433	20.796	ng/ul	95
69) Pentachlorophenol	16.97	266	145977	21.191	ng/ul	96
70) Phenanthrene	17.37	178	1056722	19.868	ng/ul	99
72) Anthracene	17.46	178	1090863	19.988	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	290672	22.860	ng/uL	97
74) Pentachlorobenzene	14.90	250	287809	22.318	ng/uL	98
75) Carbazole	17.72	167	969808	20.828	ng/ul#	97
76) Di-n-butylphthalate	18.27	149	1467619	23.997	ng/ul	99
77) Fluoranthene	19.37	202	1252239	22.890	ng/ul#	91
80) Pyrene	19.74	202	1318654	21.337	ng/ul#	91
81) Butylbenzylphthalate	20.62	149	617264	21.718	ng/ul#	86
82) 3,3'-Dichlorobenzidine	21.40	252	388004	20.170	ng/ul#	97
83) Benzo(a)anthracene	21.47	228	1279813	21.943	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.38	149	939753	21.531	ng/ul#	95
85) Chrysene	21.53	228	1154816	21.841	ng/ul	99
87) Di-n-octyl phthalate	22.29	149	1632980	20.281	ng/ul	100
88) Benzo(b)fluoranthene	23.13	252	1318671	19.321	ng/ul#	97
89) Benzo(k)fluoranthene	23.18	252	1249080	19.056	ng/ul#	97
91) Benzo(a)pyrene	23.75	252	1278462	19.845	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	26.28	276	1582972	22.338	ng/ul#	89
93) Dibenzo(a,h)anthracene	26.29	278	1336422	22.241	ng/ul#	95
94) Benzo(g,h,i)perylene	27.03	276	1306704	22.769	ng/ul#	92

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

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