Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101316\
Data File : BB058633.D
Acq On : 13 Oct 2016 15:39
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : SSTD02087

Quant Time: Oct 13 16:14:06 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 15:55:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	573438	20.00	ng/ul	0.09
18) Naphthalene-d8	11.70	136	2166127	20.00	ng/ul	0.08
35) Acenaphthene-d10	15.61	164	1207007	20.00	ng/ul	0.04
61) Phenanthrene-d10	18.46	188	2011835	20.00	ng/ul	0.04
75) Chrysene-d12	22.81	240	2129419	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	1669848	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.71	96	105594	8.34	ng/uL	0.08
5) Phenol-d5	7.89	99	856669	20.56	ng/ul	0.09
7) Bis-(2-Chloroethyl)ether-d	8.02	67	631498	22.63	ng/ul	0.08
9) 2-Chlorophenol-d4	8.27	132	906657	20.98	ng/ul	0.09
13) 4-Methylphenol-d8	9.53	113	706434	20.48	ng/ul	0.08
19) Nitrobenzene-d5	9.97	128	474258	21.18	ng/ul	0.09
22) 2-Nitrophenol-d4	10.74	143	518745	21.52	ng/ul	0.09
26) 2,4-Dichlorophenol-d3	11.32	165	703708	20.60	ng/ul	0.08
29) 4-Chloroaniline-d4	11.82	131	915193	22.26	ng/ul	0.08
43) Dimethylphthalate-d6	14.99	166	1747950	21.78	ng/ul	0.04
46) Acenaphthylene-d8	15.30	160	2154428	22.76	ng/ul	0.04
51) 4-Nitrophenol-d4	15.82	143	375249	20.36	ng/ul	0.04
57) Fluorene-d10	16.63	176	1418268	21.57	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	16.76	200	417905	19.56	ng/ul	0.04
70) Anthracene-d10	18.55	188	1982768	22.04	ng/ul	0.02
76) Pyrene-d10	20.88	212	2130165	22.77	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.70	264	1562044	20.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.75	88	99888	7.96	ng/uL#	73
4) Benzaldehyde	7.81	77	614702	22.91	ng/ul	94
6) Phenol	7.93	94	858437	20.80	ng/ul#	81
8) Bis(2-Chloroethyl)ether	8.14	93	743478	21.83	ng/ul	88
10) 2-Chlorophenol	8.29	128	835909	20.32	ng/ul	93
11) 2-Methylphenol	9.24	108	666238	20.07	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.33	45	1424689	23.78	ng/ul#	87
14) Acetophenone	9.62	105	1051020	20.83	ng/ul#	88
15) N-Nitroso-di-n-propylamine	9.62	70	612789	20.53	ng/ul#	53
16) 4-Methylphenol	9.60	108	725729	20.25	ng/ul	94
17) Hexachloroethane	9.91	117	427735	21.47	ng/ul#	70
20) Nitrobenzene	10.01	77	892844	21.23	ng/ul#	91
21) Isophorone	10.56	82	1662328	20.49	ng/ul	98
23) 2-Nitrophenol	10.76	139	522758	20.80	ng/ul	94
24) 2,4-Dimethylphenol	10.83	107	853215	20.72	ng/ul	99
25) Bis(2-Chloroethoxy)methane	11.07	93	847500	21.66	ng/ul#	93
27) 2,4-Dichlorophenol	11.34	162	708026	20.70	ng/ul	95
28) Naphthalene	11.74	128	2181630	21.15	ng/ul	99
30) 4-Chloroaniline	11.84	127	860403	22.07	ng/ul	98
31) Hexachlorobutadiene	12.09	225	469669	20.10	ng/ul	99
32) Caprolactam	12.63	113	175044	14.08	ng/ul	97
33) 4-Chloro-3-methylphenol	13.01	107	697231	20.45	ng/ul	97
34) 2-Methylnaphthalene	13.40	142	1526524	21.45	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.78	216	839428	22.64	ng/ul#	96
37) Hexachlorocyclopentadiene	13.78	237	464345	19.86	ng/ul	99
38) 2,4,6-Trichlorophenol	14.01	196	493329	21.91	ng/ul	98
39) 2,4,5-Trichlorophenol	14.09	196	516291	21.60	ng/ul	95
40) 1,1'-Biphenyl	14.42	154	1903941	23.52	ng/ul#	97
41) 2-Chloronaphthalene	14.45	162	1426500	22.12	ng/ul	97
42) 2-Nitroaniline	14.65	65	570265	23.02	ng/ul#	88
44) Dimethylphthalate	15.05	163	1853606	23.10	ng/ul#	96
45) 2,6-Dinitrotoluene	15.17	165	446289	22.01	ng/ul#	86
47) Acenaphthylene	15.32	152	2121587	23.11	ng/ul	99
48) 3-Nitroaniline	14.65	138	560847	21.14	ng/ul#	43
49) Acenaphthene	15.69	153	1435731	22.78	ng/ul	92
50) 2,4-Dinitrophenol	15.71	184	284543	19.69	ng/ul#	76
52) 4-Nitrophenol	15.84	109	322412	21.51	ng/ul#	83
53) Dibenzofuran	16.03	168	2069887	23.05	ng/ul	99
54) 2,4-Dinitrotoluene	15.98	165	650178	22.99	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	16.26	232	445769	21.33	ng/ul#	75
56) Diethylphthalate	16.46	149	2027005	24.33	ng/ul	98
58) Fluorene	16.69	166	1667926	22.83	ng/ul	91
59) 4-Chlorophenyl-phenylether	16.69	204	880396	22.42	ng/ul	94
60) 4-Nitroaniline	16.71	138	451268	21.55	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.78	198	418553	19.62	ng/ul#	81
64) N-Nitrosodiphenylamine	16.90	169	1457311	22.44	ng/ul	92
65) 4-Bromophenyl-phenylether	17.61	248	533540	20.71	ng/ul#	92
66) Hexachlorobenzene	17.77	284	539892	20.90	ng/ul#	89
67) Atrazine	17.88	200	476678	19.28	ng/ul	90
68) Pentachlorophenol	18.11	266	337603	18.46	ng/ul	98
69) Phenanthrene	18.50	178	2295680	22.92	ng/ul	98
71) Anthracene	18.59	178	2394097	23.40	ng/ul	99
72) Carbazole	18.86	167	2038317	23.86	ng/ul	99
73) Di-n-butylphthalate	19.44	149	3139478	22.49	ng/ul	98
74) Fluoranthene	20.54	202	2370780	23.24	ng/ul#	96
77) Pyrene	20.92	202	2561127	23.01	ng/ul#	88
78) Butylbenzylphthalate	21.81	149	1621802	22.49	ng/ul#	93
79) 3,3'-Dichlorobenzidine	22.69	252	834210	22.17	ng/ul#	98
80) Benzo(a)anthracene	22.79	228	2450438	22.60	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	22.69	149	2197490	22.92	ng/ul#	92
82) Chrysene	22.87	228	2273205	22.36	ng/ul	99
84) Di-n-octyl phthalate	22.69	149	2197490	25.28	ng/ul#	53
85) Benzo(b)fluoranthene	24.95	252	2141756	19.43	ng/ul	99
86) Benzo(k)fluoranthene	24.95	252	2141756	25.05	ng/ul	98
88) Benzo(a)pyrene	25.76	252	1974515	21.27	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.20	276	1567248	19.33	ng/ul#	89
90) Dibenzo(a,h)anthracene	29.24	278	1296359	19.27	ng/ul#	94
91) Benzo(g,h,i)perylene	30.20	276	1231333	19.24	ng/ul#	91

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

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