Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
Data File : BF100680.D
Acq On : 17 Nov 2017 18:17
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 17 22:21:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	92894	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	382119	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	178781	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	349366	20.00	ng		0.00
75) Chrysene-d12	14.04	240	282216	20.00	ng		0.00
86) Perylene-d12	15.52	264	236295	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	467530	80.68	ng		0.00
7) Phenol-d6	6.51	99	565910	79.19	ng		0.00
23) Nitrobenzene-d5	7.45	82	514042	88.94	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	165586	90.89	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1013383	86.31	ng		0.00
78) Terphenyl-d14	12.99	244	997898	81.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	106646	37.763	ng		97
3) Pyridine	3.45	79	284824	36.967	ng		95
4) n-Nitrosodimethylamine	3.40	42	132922	35.533	ng		98
6) Aniline	6.55	93	383101	37.947	ng		99
8) 2-Chlorophenol	6.67	128	253679	41.379	ng		97
9) Benzaldehyde	6.43	77	183635	35.983	ng		97
10) Phenol	6.52	94	296236	39.488	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	248295	39.404	ng		98
12) 1,3-Dichlorobenzene	6.82	146	298511	42.234	ng		96
13) 1,4-Dichlorobenzene	6.90	146	302196	42.243	ng		96
14) 1,2-Dichlorobenzene	7.06	146	281911	42.621	ng		96
15) Benzyl Alcohol	7.02	79	222474	39.890	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	326738	32.420	ng		98
17) 2-Methylphenol	7.13	107	213658	40.782	ng		98
18) Hexachloroethane	7.40	117	98769	41.874	ng	#	89
19) n-Nitroso-di-n-propylamine	7.30	70	188681	38.073	ng		97
20) 3+4-Methylphenols	7.29	107	270904	40.863	ng	#	83
22) Acetophenone	7.29	105	362673	38.922	ng	#	98
24) Nitrobenzene	7.47	77	263563	44.305	ng		97
25) Isophorone	7.70	82	456409	37.578	ng		100
26) 2-Nitrophenol	7.78	139	141340	50.375	ng		93
27) 2,4-Dimethylphenol	7.81	122	218252	40.086	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	306385	38.565	ng		99
29) 2,4-Dichlorophenol	8.02	162	220722	42.465	ng		95
30) 1,2,4-Trichlorobenzene	8.10	180	239298	42.562	ng		99
31) Naphthalene	8.19	128	744274	40.439	ng		99
32) Benzoic acid	7.93	122	139726	36.341	ng		100
33) 4-Chloroaniline	8.23	127	312902	40.843	ng		99
34) Hexachlorobutadiene	8.30	225	141794	42.416	ng		100
35) Caprolactam	8.61	113	68075	38.164	ng		96
36) 4-Chloro-3-methylphenol	8.71	107	225485	40.392	ng		98
37) 2-Methylnaphthalene	8.88	142	501604	41.051	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	261430	44.091	ng	#	96
40) Hexachlorocyclopentadiene	9.03	237	119358	42.771	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	163271	43.448 ng		98
43) 2,4,5-Trichlorophenol	9.19	196	177883	45.688 ng	#	93
45) 1,1'-Biphenyl	9.35	154	658136	42.563 ng		98
46) 2-Chloronaphthalene	9.37	162	484485	43.190 ng		96
47) 2-Nitroaniline	9.46	65	144471	43.842 ng		98
48) Acenaphthylene	9.79	152	771002	41.473 ng		100
49) Dimethylphthalate	9.64	163	567882	41.603 ng		99
50) 2,6-Dinitrotoluene	9.70	165	122624	45.383 ng		89
51) Acenaphthene	9.96	154	481219	42.562 ng		100
52) 3-Nitroaniline	9.87	138	140202	43.942 ng		94
53) 2,4-Dinitrophenol	9.97	184	61221	59.647 ng	#	17
54) Dibenzofuran	10.13	168	650425	41.046 ng		98
55) 4-Nitrophenol	10.03	139	110239	42.551 ng		85
56) 2,4-Dinitrotoluene	10.11	165	162330	47.623 ng	#	82
57) Fluorene	10.47	166	500411	43.107 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	135034	42.318 ng	#	86
59) Diethylphthalate	10.34	149	547402	40.073 ng		95
60) 4-Chlorophenyl-phenylether	10.46	204	252147	44.277 ng		93
61) 4-Nitroaniline	10.49	138	139653	46.160 ng		87
62) Azobenzene	10.62	77	488001	37.931 ng		93
64) 4,6-Dinitro-2-methylphenol	10.52	198	96415	53.468 ng		81
65) n-Nitrosodiphenylamine	10.58	169	497796	40.978 ng		95
66) 4-Bromophenyl-phenylether	10.95	248	160652	42.896 ng	#	85
67) Hexachlorobenzene	11.02	284	168339	42.977 ng	#	89
68) Atrazine	11.10	200	152475	41.465 ng		96
69) Pentachlorophenol	11.21	266	115827	41.239 ng		97
70) Phenanthrene	11.43	178	752404	40.904 ng		99
71) Anthracene	11.49	178	764695	40.975 ng		99
72) Carbazole	11.64	167	700457	40.678 ng		98
73) Di-n-butylphthalate	11.96	149	874853	43.414 ng		98
74) Fluoranthene	12.62	202	801999	41.139 ng		96
76) Benzidine	12.74	184	419920	37.154 ng		98
77) Pyrene	12.85	202	818694	40.696 ng		99
79) Butylbenzylphthalate	13.46	149	364387	44.415 ng		97
80) Benzo(a)anthracene	14.03	228	710908	41.831 ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	258181	42.401 ng	#	98
82) Chrysene	14.07	228	668977	40.649 ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	506291	46.920 ng		100
84) Di-n-octyl phthalate	14.63	149	809865	43.689 ng		99
85) Indeno(1,2,3-cd)pyrene	17.00	276	499856	37.551 ng		94
87) Benzo(b)fluoranthene	15.09	252	566500	40.467 ng		99
88) Benzo(k)fluoranthene	15.12	252	588031	44.456 ng		98
89) Benzo(a)pyrene	15.46	252	515884	41.567 ng		98
90) Dibenzo(a,h)anthracene	17.02	278	423044	41.680 ng		96
91) Benzo(g,h,i)perylene	17.46	276	411398	41.407 ng		94

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

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