Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
Data File : BF089270.D
Acq On : 25 Jul 2016 10:41
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 26 11:26:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 16:56:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	58347	20.00	ng		0.00
21) Naphthalene-d8	7.85	136	253187	20.00	ng		0.00
38) Acenaphthene-d10	9.60	164	118314	20.00	ng		0.00
63) Phenanthrene-d10	11.07	188	227044	20.00	ng		0.00
75) Chrysene-d12	13.69	240	172905	20.00	ng		0.00
86) Perylene-d12	15.03	264	136691	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	308246	80.35	ng		0.00
7) Phenol-d6	6.23	99	388835	78.60	ng		0.00
23) Nitrobenzene-d5	7.14	82	369665	77.58	ng		0.00
41) 2,4,6-Tribromophenol	10.39	330	88643	83.22	ng		0.00
44) 2-Fluorobiphenyl	8.94	172	722722	84.16	ng		0.00
78) Terphenyl-d14	12.65	244	597458	74.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	70296	42.20	ng		97
3) Pyridine	2.60	79	159748	37.75	ng		97
4) n-Nitrosodimethylamine	2.58	42	63981	35.92	ng		97
6) Aniline	6.23	93	251499	37.62	ng		99
8) 2-Chlorophenol	6.35	128	181544	42.64	ng		94
9) Benzaldehyde	6.11	77	88184	32.27	ng		99
10) Phenol	6.24	94	229990	40.35	ng	#	72
11) bis(2-Chloroethyl)ether	6.32	93	184866	43.19	ng		98
12) 1,3-Dichlorobenzene	6.50	146	184575	39.26	ng		96
13) 1,4-Dichlorobenzene	6.58	146	201715	42.61	ng		97
14) 1,2-Dichlorobenzene	6.74	146	174499	39.09	ng		96
15) Benzyl Alcohol	6.73	79	137273	37.89	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.86	45	197886	40.57	ng	#	68
17) 2-Methylphenol	6.84	107	126713	37.79	ng		98
18) Hexachloroethane	7.07	117	76692	43.09	ng	#	92
19) n-Nitroso-di-n-propylamine	7.00	70	133092	41.13	ng		97
20) 3+4-Methylphenols	7.00	107	173469	38.10	ng	#	84
22) Acetophenone	6.99	105	270692	40.04	ng		98
24) Nitrobenzene	7.16	77	192802	38.36	ng		100
25) Isophorone	7.40	82	339160	38.62	ng		100
26) 2-Nitrophenol	7.47	139	90161	38.47	ng		97
27) 2,4-Dimethylphenol	7.53	122	142799	36.16	ng		99
28) bis(2-Chloroethoxy)methane	7.62	93	222460	40.50	ng		100
29) 2,4-Dichlorophenol	7.72	162	141866	39.86	ng		97
30) 1,2,4-Trichlorobenzene	7.80	180	150175	38.12	ng		99
31) Naphthalene	7.87	128	518695	37.96	ng		99
32) Benzoic acid	7.70	122	113760	37.46	ng		97
33) 4-Chloroaniline	7.94	127	215701	37.54	ng		98
34) Hexachlorobutadiene	8.00	225	87656	39.98	ng		97
35) Caprolactam	8.33	113	44215m	40.00	ng		
36) 4-Chloro-3-methylphenol	8.43	107	172885	40.32	ng		99
37) 2-Methylnaphthalene	8.57	142	320056	36.73	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	166940	37.96	ng		98
40) Hexachlorocyclopentadiene	8.72	237	53551	40.98	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	90789	36.89	ng		99
43) 2,4,5-Trichlorophenol	8.89	196	103020	41.70	ng	#	86
45) 1,1'-Biphenyl	9.03	154	402146	37.74	ng		99
46) 2-Chloronaphthalene	9.05	162	322882	39.88	ng		98
47) 2-Nitroaniline	9.15	65	103436	37.24	ng		98
48) Acenaphthylene	9.46	152	526592	41.37	ng		99
49) Dimethylphthalate	9.35	163	369317	40.68	ng		100
50) 2,6-Dinitrotoluene	9.40	165	81982	40.00	ng		100
51) Acenaphthene	9.63	154	337686m	44.84	ng		
52) 3-Nitroaniline	9.58	138	97769	40.16	ng		97
53) 2,4-Dinitrophenol	9.68	184	34890	38.35	ng	#	79
54) Dibenzofuran	9.80	168	411076	40.40	ng		96
55) 4-Nitrophenol	9.76	139	47290	32.11	ng		94
56) 2,4-Dinitrotoluene	9.80	165	102282	38.74	ng		99
57) Fluorene	10.15	166	335639	38.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	78773	44.39	ng		93
59) Diethylphthalate	10.03	149	342722	38.07	ng		100
60) 4-Chlorophenyl-phenylether	10.14	204	143120	36.30	ng	#	70
61) 4-Nitroaniline	10.18	138	89572	37.82	ng		97
62) Azobenzene	10.30	77	386172	39.47	ng		98
64) 4,6-Dinitro-2-methylphenol	10.22	198	59396	44.94	ng		91
65) n-Nitrosodiphenylamine	10.26	169	299971	39.53	ng		100
66) 4-Bromophenyl-phenylether	10.63	248	93401	41.57	ng	#	86
67) Hexachlorobenzene	10.68	284	89370	36.98	ng	#	65
68) Atrazine	10.80	200	98053	41.32	ng		98
69) Pentachlorophenol	10.89	266	48685	43.67	ng		100
70) Phenanthrene	11.10	178	500066	40.15	ng		100
71) Anthracene	11.14	178	511130	39.48	ng		99
72) Carbazole	11.30	167	452338	39.78	ng		99
73) Di-n-butylphthalate	11.64	149	572265	40.69	ng		100
74) Fluoranthene	12.27	202	535306	40.89	ng		93
76) Benzidine	12.41	184	243441	40.95	ng		97
77) Pyrene	12.49	202	507750	35.56	ng		99
79) Butylbenzylphthalate	13.13	149	252160	41.75	ng		86
80) Benzo(a)anthracene	13.68	228	424336	38.53	ng		100
81) 3,3'-Dichlorobenzidine	13.66	252	149900	41.04	ng	#	96
82) Chrysene	13.71	228	364101	34.61	ng		98
83) Bis(2-ethylhexyl)phthalate	13.69	149	336344	41.98	ng	#	97
84) Di-n-octyl phthalate	14.30	149	538104	40.70	ng		98
85) Indeno(1,2,3-cd)pyrene	16.24	276	271230	35.50	ng		99
87) Benzo(b)fluoranthene	14.67	252	347392m	35.09	ng		
88) Benzo(k)fluoranthene	14.70	252	323349m	45.67	ng		
89) Benzo(a)pyrene	14.97	252	304210	39.58	ng		100
90) Dibenzo(a,h)anthracene	16.24	278	236763	39.02	ng	#	92
91) Benzo(g,h,i)perylene	16.59	276	222955	36.44	ng		99

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

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