Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086416.D
Acq On : 27 Apr 2016 11:25
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
sohil
4/28/2016 1:39:53 PM

Quant Time: Apr 27 12:51:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 12:41:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	125274	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	532383	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	267053	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	515758	20.00	ng		0.00
75) Chrysene-d12	13.96	240	380045	20.00	ng		0.00
86) Perylene-d12	15.36	264	315610	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	399720	55.10	ng		0.00
7) Phenol-d6	6.43	99	521502	52.88	ng		-0.01
23) Nitrobenzene-d5	7.37	82	508573	56.59	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	145893	60.35	ng		-0.01
44) 2-Fluorobiphenyl	9.17	172	900694	57.55	ng		0.00
78) Terphenyl-d14	12.91	244	935901	61.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	95040	23.69	ng	#	78
3) Pyridine	3.06	79	246515	25.79	ng	#	72
4) n-Nitrosodimethylamine	3.00	42	131926	38.67	ng	#	59
6) Aniline	6.46	93	329163	27.35	ng		91
8) 2-Chlorophenol	6.58	128	228757	25.83	ng	#	81
9) Benzaldehyde	6.35	77	166119	27.73	ng		90
10) Phenol	6.44	94	281820	24.20	ng		83
11) bis(2-Chloroethyl)ether	6.54	93	247933	24.46	ng		99
12) 1,3-Dichlorobenzene	6.74	146	248125m	26.27	ng		
13) 1,4-Dichlorobenzene	6.82	146	260745	25.13	ng		95
14) 1,2-Dichlorobenzene	6.98	146	242960	25.77	ng		95
15) Benzyl Alcohol	6.94	79	171015	29.22	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.08	45	524377	39.46	ng		89
17) 2-Methylphenol	7.06	107	183503	25.29	ng		94
18) Hexachloroethane	7.32	117	95073	27.20	ng	#	77
19) n-Nitroso-di-n-propylamine	7.22	70	168437	28.58	ng	#	72
20) 3+4-Methylphenols	7.22	107	225386	29.30	ng		95
22) Acetophenone	7.22	105	316391	28.33	ng	#	93
24) Nitrobenzene	7.39	77	285605	29.63	ng		94
25) Isophorone	7.63	82	499392	28.35	ng		98
26) 2-Nitrophenol	7.71	139	121385	25.49	ng		97
27) 2,4-Dimethylphenol	7.74	122	204490	25.07	ng		92
28) bis(2-Chloroethoxy)methane	7.85	93	288339	29.32	ng		99
29) 2,4-Dichlorophenol	7.95	162	190456	28.25	ng		95
30) 1,2,4-Trichlorobenzene	8.03	180	205571	28.07	ng		96
31) Naphthalene	8.11	128	724774	26.72	ng		99
32) Benzoic acid	7.86	122	87084	16.70	ng		92
33) 4-Chloroaniline	8.17	127	277753	26.29	ng		99
34) Hexachlorobutadiene	8.24	225	120722	33.01	ng		98
35) Caprolactam	8.52	113	59369	24.54	ng	#	56
36) 4-Chloro-3-methylphenol	8.65	107	221927	27.70	ng		99
37) 2-Methylnaphthalene	8.81	142	432616	27.66	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	191287	27.69	ng		98
40) Hexachlorocyclopentadiene	8.96	237	92701	27.47	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	130768	28.87	ng		93
43) 2,4,5-Trichlorophenol	9.12	196	129658	23.25	ng	#	86
45) 1,1'-Biphenyl	9.26	154	561486	27.10	ng		97
46) 2-Chloronaphthalene	9.29	162	423254	25.81	ng		94
47) 2-Nitroaniline	9.39	65	143845	28.17	ng		98
48) Acenaphthylene	9.70	152	668285	25.13	ng		98
49) Dimethylphthalate	9.57	163	536312	27.80	ng		99
50) 2,6-Dinitrotoluene	9.63	165	115067	27.61	ng		97
51) Acenaphthene	9.88	154	431731	26.43	ng		98
52) 3-Nitroaniline	9.80	138	125750	24.10	ng		97
53) 2,4-Dinitrophenol	9.90	184	42778	19.74	ng		100
54) Dibenzofuran	10.05	168	545945	26.03	ng		94
55) 4-Nitrophenol	9.96	139	75850	20.78	ng		86
56) 2,4-Dinitrotoluene	10.03	165	141340	25.54	ng		94
57) Fluorene	10.38	166	445219	25.90	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	111582m	27.37	ng		
59) Diethylphthalate	10.27	149	511075	27.66	ng		96
60) 4-Chlorophenyl-phenylether	10.38	204	229737	30.56	ng		87
61) 4-Nitroaniline	10.41	138	125680	23.54	ng		84
62) Azobenzene	10.54	77	557031	29.08	ng		91
64) 4,6-Dinitro-2-methylphenol	10.44	198	71119	22.57	ng		92
65) n-Nitrosodiphenylamine	10.50	169	389196	24.47	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	135124	26.76	ng	#	80
67) Hexachlorobenzene	10.93	284	149640	27.77	ng	#	78
68) Atrazine	11.02	200	122489	24.95	ng		93
69) Pentachlorophenol	11.13	266	79455	25.11	ng		100
70) Phenanthrene	11.34	178	655550	25.30	ng		100
71) Anthracene	11.40	178	760750	25.62	ng		99
72) Carbazole	11.55	167	631802	22.65	ng		99
73) Di-n-butylphthalate	11.89	149	800535	27.29	ng		99
74) Fluoranthene	12.53	202	738982	26.44	ng		93
76) Benzidine	12.66	184	374009	24.00	ng		96
77) Pyrene	12.76	202	732264	27.63	ng		99
79) Butylbenzylphthalate	13.38	149	303396	24.57	ng	#	72
80) Benzo(a)anthracene	13.94	228	522120	26.46	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	393426	28.91	ng	#	96
82) Chrysene	13.99	228	611587	27.51	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	387548	28.03	ng	#	94
84) Di-n-octyl phthalate	14.56	149	648297	24.42	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.72	276	406273	20.56	ng		97
87) Benzo(b)fluoranthene	14.96	252	559687m	32.31	ng		
88) Benzo(k)fluoranthene	14.99	252	422815m	24.87	ng		
89) Benzo(a)pyrene	15.30	252	443450	25.95	ng		98
90) Dibenzo(a,h)anthracene	16.73	278	337045	23.91	ng		97
91) Benzo(g,h,i)perylene	17.12	276	322968	22.19	ng		94

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

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