Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087142.D
Acq On : 18 May 2016 10:27
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
5/18/2016 6:59:58 PM

Quant Time: May 18 13:50:43 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	124128	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	501392	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	206782	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	319079	20.00	ng		-0.01
75) Chrysene-d12	13.75	240	254278	20.00	ng		-0.01
86) Perylene-d12	15.10	264	217186	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	595352	80.62	ng		-0.02
7) Phenol-d6	6.27	99	753712	76.10	ng		-0.01
23) Nitrobenzene-d5	7.18	82	781315	77.66	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	138370	60.55	ng		-0.02
44) 2-Fluorobiphenyl	8.97	172	1138196	91.16	ng		-0.01
78) Terphenyl-d14	12.70	244	862912	76.77	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	151511	39.88	ng	#	76
3) Pyridine	2.66	79	346399	37.70	ng	#	66
4) n-Nitrosodimethylamine	2.62	42	253927	38.99	ng	#	51
6) Aniline	6.26	93	458373	36.43	ng		97
8) 2-Chlorophenol	6.39	128	348010	38.73	ng		93
9) Benzaldehyde	6.14	77	190393	34.40	ng		93
10) Phenol	6.28	94	456522	36.67	ng		91
11) bis(2-Chloroethyl)ether	6.34	93	337181	36.07	ng		90
12) 1,3-Dichlorobenzene	6.54	146	379974	39.78	ng		99
13) 1,4-Dichlorobenzene	6.62	146	373101	38.18	ng		98
14) 1,2-Dichlorobenzene	6.76	146	335326	39.20	ng		96
15) Benzyl Alcohol	6.76	79	266279	36.11	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.89	45	735933	38.29	ng		56
17) 2-Methylphenol	6.89	107	276144	37.42	ng	#	82
18) Hexachloroethane	7.11	117	98829	26.45	ng	#	79
19) n-Nitroso-di-n-propylamine	7.03	70	252710	33.56	ng	#	67
20) 3+4-Methylphenols	7.05	107	366848	37.69	ng	#	59
22) Acetophenone	7.02	105	491922	40.09	ng	#	96
24) Nitrobenzene	7.19	77	365024	33.23	ng		92
25) Isophorone	7.43	82	671727	36.47	ng		96
26) 2-Nitrophenol	7.51	139	133756	29.39	ng	#	75
27) 2,4-Dimethylphenol	7.56	122	279346	35.97	ng	#	85
28) bis(2-Chloroethoxy)methane	7.66	93	390215	38.60	ng		100
29) 2,4-Dichlorophenol	7.76	162	258484	37.77	ng		92
30) 1,2,4-Trichlorobenzene	7.83	180	276132	36.37	ng		94
31) Naphthalene	7.91	128	981615	40.07	ng		99
32) Benzoic acid	7.71	122	152446m	32.94	ng		
33) 4-Chloroaniline	7.98	127	356197	34.98	ng		99
34) Hexachlorobutadiene	8.02	225	161024	37.37	ng		98
35) Caprolactam	8.35	113	78258	34.35	ng	#	49
36) 4-Chloro-3-methylphenol	8.48	107	295193	35.76	ng		97
37) 2-Methylnaphthalene	8.59	142	533478	34.04	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	247851	41.04	ng		98
40) Hexachlorocyclopentadiene	8.75	237	3695	9.28	ng		85

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	158302	40.42	ng		95
43) 2,4,5-Trichlorophenol	8.94	196	155890	38.31	ng	#	79
45) 1,1'-Biphenyl	9.06	154	691862	40.35	ng		96
46) 2-Chloronaphthalene	9.08	162	513913	39.04	ng		94
47) 2-Nitroaniline	9.20	65	217705	43.16	ng		86
48) Acenaphthylene	9.50	152	784441	39.03	ng		99
49) Dimethylphthalate	9.37	163	622840	39.48	ng		99
50) 2,6-Dinitrotoluene	9.44	165	121673	35.52	ng		90
51) Acenaphthene	9.67	154	484974	38.62	ng		98
52) 3-Nitroaniline	9.61	138	156733	42.27	ng		88
53) 2,4-Dinitrophenol	9.74	184	4347	6.82	ng	#	70
54) Dibenzofuran	9.84	168	620920	38.24	ng		95
55) 4-Nitrophenol	9.83	139	79086m	42.74	ng		
56) 2,4-Dinitrotoluene	9.85	165	131849	30.06	ng	#	66
57) Fluorene	10.18	166	519283	39.80	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	107171	33.82	ng		97
59) Diethylphthalate	10.07	149	582758	38.70	ng		99
60) 4-Chlorophenyl-phenylether	10.18	204	243191	39.33	ng	#	77
61) 4-Nitroaniline	10.23	138	153485	41.92	ng		89
62) Azobenzene	10.33	77	577170	33.26	ng		82
64) 4,6-Dinitro-2-methylphenol	10.26	198	11522	5.48	ng		84
65) n-Nitrosodiphenylamine	10.30	169	413690	41.20	ng		100
66) 4-Bromophenyl-phenylether	10.66	248	141777	43.21	ng		98
67) Hexachlorobenzene	10.73	284	161796	42.53	ng		94
68) Atrazine	10.83	200	111898	34.16	ng		94
69) Pentachlorophenol	10.94	266	55287	38.69	ng		96
70) Phenanthrene	11.13	178	656787	37.95	ng		100
71) Anthracene	11.19	178	718941	41.07	ng		99
72) Carbazole	11.35	167	594785	37.20	ng		98
73) Di-n-butylphthalate	11.69	149	822981	44.81	ng		99
74) Fluoranthene	12.32	202	709878	40.94	ng		94
76) Benzidine	12.46	184	278238	38.28	ng		96
77) Pyrene	12.55	202	723133	39.37	ng		99
79) Butylbenzylphthalate	13.18	149	341754	44.07	ng	#	85
80) Benzo(a)anthracene	13.74	228	580518	39.48	ng		98
81) 3,3'-Dichlorobenzidine	13.70	252	452429	48.36	ng		99
82) Chrysene	13.77	228	593799	41.74	ng		100
83) Bis(2-ethylhexyl)phthalate	13.74	149	429498	45.51	ng		96
84) Di-n-octyl phthalate	14.34	149	720075	44.29	ng	#	83
85) Indeno(1,2,3-cd)pyrene	16.35	276	430661	34.49	ng		94
87) Benzo(b)fluoranthene	14.73	252	489194m	33.95	ng		
88) Benzo(k)fluoranthene	14.75	252	510468m	47.59	ng		
89) Benzo(a)pyrene	15.05	252	460677	38.25	ng		98
90) Dibenzo(a,h)anthracene	16.35	278	370013	36.49	ng		95
91) Benzo(g,h,i)perylene	16.72	276	346628	33.84	ng	#	92

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

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