Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085795.D
Acq On : 28 Mar 2016 12:08
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/29/2016 12:03:09 PM

Quant Time: Mar 28 15:40:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	124545	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	512203	20.00	ng		-0.01
38) Acenaphthene-d10	9.86	164	230165	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	408512	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	276079	20.00	ng		0.00
86) Perylene-d12	15.40	264	199146	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	590565	78.97	ng		0.00
7) Phenol-d6	6.46	99	752648	79.16	ng		0.00
23) Nitrobenzene-d5	7.38	82	726404	79.86	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	191550	87.59	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1185148	86.03	ng		0.00
78) Terphenyl-d14	12.93	244	1050116	78.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	157465	44.10	ng		99
3) Pyridine	3.10	79	342377	39.99	ng		99
4) n-Nitrosodimethylamine	3.04	42	157670	46.01	ng		95
6) Aniline	6.48	93	520750	40.69	ng		98
8) 2-Chlorophenol	6.61	128	367544	42.30	ng		95
9) Benzaldehyde	6.37	77	223048	38.93	ng		94
10) Phenol	6.47	94	433192	40.21	ng		87
11) bis(2-Chloroethyl)ether	6.56	93	353291	42.62	ng		96
12) 1,3-Dichlorobenzene	6.76	146	380723m	40.69	ng		
13) 1,4-Dichlorobenzene	6.84	146	396605	41.80	ng		97
14) 1,2-Dichlorobenzene	7.00	146	347951	39.35	ng		95
15) Benzyl Alcohol	6.96	79	248359	39.15	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	436379	39.68	ng		96
17) 2-Methylphenol	7.09	107	295800	42.52	ng		98
18) Hexachloroethane	7.33	117	142798	41.10	ng	#	85
19) n-Nitroso-di-n-propylamine	7.24	70	220467	38.73	ng	#	91
20) 3+4-Methylphenols	7.24	107	318479	38.08	ng		91
22) Acetophenone	7.24	105	463620	38.85	ng	#	97
24) Nitrobenzene	7.41	77	385845	41.15	ng		98
25) Isophorone	7.65	82	673148	38.42	ng		98
26) 2-Nitrophenol	7.73	139	206108	43.94	ng		95
27) 2,4-Dimethylphenol	7.76	122	317449	38.72	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	406971	40.76	ng		99
29) 2,4-Dichlorophenol	7.97	162	277793	40.30	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	299313	39.12	ng		97
31) Naphthalene	8.13	128	990818	38.39	ng		100
32) Benzoic acid	7.90	122	238719	43.84	ng		99
33) 4-Chloroaniline	8.18	127	421013	39.95	ng		98
34) Hexachlorobutadiene	8.24	225	157234	37.81	ng		99
35) Caprolactam	8.56	113	83970	34.39	ng		97
36) 4-Chloro-3-methylphenol	8.66	107	291425	36.20	ng		94
37) 2-Methylnaphthalene	8.82	142	629260	40.90	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	264308	38.72	ng		99
40) Hexachlorocyclopentadiene	8.97	237	94382	38.56	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	185450	40.23	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	200145	41.40	ng	#	92
45) 1,1'-Biphenyl	9.28	154	739828	38.09	ng		99
46) 2-Chloronaphthalene	9.30	162	579939	40.61	ng	#	90
47) 2-Nitroaniline	9.41	65	179981	41.21	ng		96
48) Acenaphthylene	9.73	152	992355	42.65	ng		99
49) Dimethylphthalate	9.59	163	701069	40.15	ng		100
50) 2,6-Dinitrotoluene	9.65	165	139293	37.06	ng		87
51) Acenaphthene	9.90	154	587595	41.34	ng		100
52) 3-Nitroaniline	9.82	138	158749	36.90	ng		99
53) 2,4-Dinitrophenol	9.93	184	73699	41.92	ng	#	73
54) Dibenzofuran	10.07	168	758848	41.25	ng		97
55) 4-Nitrophenol	9.99	139	119029	42.47	ng		93
56) 2,4-Dinitrotoluene	10.06	165	204331	42.77	ng	#	76
57) Fluorene	10.41	166	625670	40.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	130675	38.89	ng		99
59) Diethylphthalate	10.29	149	726274	42.10	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	307956	41.19	ng		92
61) 4-Nitroaniline	10.44	138	171795	41.75	ng		95
62) Azobenzene	10.56	77	705415	42.55	ng		97
64) 4,6-Dinitro-2-methylphenol	10.47	198	111257	46.50	ng	#	60
65) n-Nitrosodiphenylamine	10.53	169	532725	41.17	ng		98
66) 4-Bromophenyl-phenylether	10.89	248	190539	45.59	ng		92
67) Hexachlorobenzene	10.96	284	194915	44.59	ng		94
68) Atrazine	11.05	200	189237	43.32	ng		99
69) Pentachlorophenol	11.16	266	94388	43.99	ng		99
70) Phenanthrene	11.37	178	912551	43.51	ng		100
71) Anthracene	11.42	178	864880	39.28	ng		100
72) Carbazole	11.58	167	827122	44.74	ng		100
73) Di-n-butylphthalate	11.91	149	1087668	42.87	ng		99
74) Fluoranthene	12.55	202	790594	35.46	ng		99
76) Benzidine	12.68	184	303133	31.18	ng		99
77) Pyrene	12.78	202	803055	35.39	ng		99
79) Butylbenzylphthalate	13.40	149	353882	37.24	ng	#	72
80) Benzo(a)anthracene	13.97	228	601178	38.19	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	408057	37.35	ng		99
82) Chrysene	14.00	228	530365	33.45	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	441594	38.81	ng	#	98
84) Di-n-octyl phthalate	14.56	149	662791	39.17	ng		100
85) Indeno(1,2,3-cd)pyrene	16.79	276	575717	47.02	ng		99
87) Benzo(b)fluoranthene	15.00	252	532622m	42.46	ng		
88) Benzo(k)fluoranthene	15.02	252	402712m	35.61	ng		
89) Benzo(a)pyrene	15.34	252	454405	40.79	ng		98
90) Dibenzo(a,h)anthracene	16.79	278	480346	46.41	ng		96
91) Benzo(g,h,i)perylene	17.20	276	493464	47.09	ng		97

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

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