Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF088982.D
Acq On : 14 Jul 2016 12:54
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
Sohil
7/15/2016 9:16:18 AM

Quant Time: Jul 15 01:34:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	53495	20.00	ng		-0.02
21) Naphthalene-d8	7.98	136	232496	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	105695	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	192971	20.00	ng		-0.02
75) Chrysene-d12	13.82	240	134014	20.00	ng		-0.03
86) Perylene-d12	15.18	264	107114	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	309612	86.74	ng		-0.01
7) Phenol-d6	6.34	99	383196	83.08	ng		-0.01
23) Nitrobenzene-d5	7.26	82	323132	72.83	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	72527	73.89	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	563002	84.14	ng		-0.02
78) Terphenyl-d14	12.78	244	471866	78.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	64585	36.50	ng	#	33
3) Pyridine	2.83	79	176622	34.39	ng		94
4) n-Nitrosodimethylamine	2.79	42	75488	38.48	ng		97
6) Aniline	6.35	93	255611	38.03	ng	#	16
8) 2-Chlorophenol	6.48	128	156632	40.83	ng		83
9) Benzaldehyde	6.23	77	103969	33.28	ng		88
10) Phenol	6.35	94	227848	43.29	ng	#	58
11) bis(2-Chloroethyl)ether	6.43	93	162628	41.43	ng		85
12) 1,3-Dichlorobenzene	6.63	146	182050	43.12	ng		99
13) 1,4-Dichlorobenzene	6.71	146	191951	45.81	ng		98
14) 1,2-Dichlorobenzene	6.86	146	153219m	39.07	ng		
15) Benzyl Alcohol	6.83	79	137398	40.48	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.97	45	193774	34.09	ng		69
17) 2-Methylphenol	6.96	107	120619	38.54	ng		94
18) Hexachloroethane	7.20	117	68303	42.14	ng	#	85
19) n-Nitroso-di-n-propylamine	7.12	70	126641	40.88	ng		88
20) 3+4-Methylphenols	7.12	107	168853	44.95	ng	#	78
22) Acetophenone	7.11	105	246405	43.67	ng	#	92
24) Nitrobenzene	7.28	77	197065	44.05	ng		88
25) Isophorone	7.52	82	302180	36.77	ng		95
26) 2-Nitrophenol	7.60	139	83349	45.44	ng	#	78
27) 2,4-Dimethylphenol	7.64	122	146998	38.48	ng		87
28) bis(2-Chloroethoxy)methane	7.74	93	204184	38.18	ng	#	96
29) 2,4-Dichlorophenol	7.84	162	126923	41.11	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	139059	41.04	ng		98
31) Naphthalene	8.00	128	513663	44.81	ng		99
32) Benzoic acid	7.78	122	103639	37.36	ng		89
33) 4-Chloroaniline	8.04	127	195270	38.29	ng	#	92
34) Hexachlorobutadiene	8.12	225	76176	41.99	ng		98
35) Caprolactam	8.42	113	41733	39.80	ng		95
36) 4-Chloro-3-methylphenol	8.54	107	148147	40.57	ng		85
37) 2-Methylnaphthalene	8.68	142	286371	38.80	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	170560	48.52	ng	#	1
40) Hexachlorocyclopentadiene	8.84	237	60750	35.21	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	96250	41.53	ng		100
43) 2,4,5-Trichlorophenol	9.00	196	82127	41.18	ng	#	80
45) 1,1'-Biphenyl	9.15	154	407352	46.54	ng		96
46) 2-Chloronaphthalene	9.18	162	299586	43.60	ng		95
47) 2-Nitroaniline	9.27	65	91056	37.34	ng		95
48) Acenaphthylene	9.59	152	478863	43.80	ng		99
49) Dimethylphthalate	9.46	163	323123	42.91	ng		98
50) 2,6-Dinitrotoluene	9.52	165	76731	45.98	ng		97
51) Acenaphthene	9.76	154	303189	45.24	ng		98
52) 3-Nitroaniline	9.68	138	74075	34.92	ng		87
53) 2,4-Dinitrophenol	9.79	184	31430	42.65	ng	#	73
54) Dibenzofuran	9.93	168	367700	41.92	ng		97
55) 4-Nitrophenol	9.85	139	53262	33.04	ng		83
56) 2,4-Dinitrotoluene	9.92	165	102192	46.83	ng	#	72
57) Fluorene	10.26	166	277339	41.03	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	60019	38.90	ng	#	43
59) Diethylphthalate	10.15	149	300290	39.74	ng		97
60) 4-Chlorophenyl-phenylether	10.26	204	135414	43.12	ng		93
61) 4-Nitroaniline	10.30	138	91501	44.82	ng		92
62) Azobenzene	10.42	77	350610	40.67	ng		97
64) 4,6-Dinitro-2-methylphenol	10.32	198	43631	42.27	ng		86
65) n-Nitrosodiphenylamine	10.39	169	272784	41.77	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	78402	40.32	ng		94
67) Hexachlorobenzene	10.81	284	75699	35.17	ng	#	88
68) Atrazine	10.91	200	82753	40.66	ng		93
69) Pentachlorophenol	11.00	266	43940	34.49	ng		96
70) Phenanthrene	11.22	178	467946	44.36	ng		99
71) Anthracene	11.27	178	402176	38.34	ng		98
72) Carbazole	11.43	167	397731	40.29	ng		100
73) Di-n-butylphthalate	11.77	149	500491	43.59	ng		99
74) Fluoranthene	12.40	202	452210	42.29	ng		98
76) Benzidine	12.52	184	223939	33.06	ng		99
77) Pyrene	12.63	202	488521	42.99	ng		99
79) Butylbenzylphthalate	13.26	149	210333	41.50	ng		95
80) Benzo(a)anthracene	13.81	228	337001	39.05	ng		99
81) 3,3'-Dichlorobenzidine	13.78	252	121414	37.42	ng	#	98
82) Chrysene	13.84	228	322719	37.80	ng		98
83) Bis(2-ethylhexyl)phthalate	13.82	149	258689	44.71	ng		98
84) Di-n-octyl phthalate	14.42	149	385790	39.24	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.46	276	244610	37.24	ng	#	100
87) Benzo(b)fluoranthene	14.81	252	304739m	45.35	ng		
88) Benzo(k)fluoranthene	14.83	252	229874m	39.30	ng		
89) Benzo(a)pyrene	15.13	252	256204	45.03	ng	#	94
90) Dibenzo(a,h)anthracene	16.48	278	212427	44.72	ng	#	93
91) Benzo(g,h,i)perylene	16.85	276	211998	43.12	ng		95

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

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