Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088357.D
Acq On : 25 Jun 2016 4:22
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
6/27/2016 8:13:33 PM

Quant Time: Jun 25 05:32:58 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 25 04:10:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	92523	20.00	ng		0.00
21) Naphthalene-d8	7.87	136	365528	20.00	ng		0.00
38) Acenaphthene-d10	9.62	164	150788	20.00	ng		0.00
63) Phenanthrene-d10	11.10	188	224351	20.00	ng		0.00
75) Chrysene-d12	13.73	240	184946	20.00	ng		0.00
86) Perylene-d12	15.07	264	153128	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	445218	82.26	ng		0.00
7) Phenol-d6	6.26	99	499733	76.19	ng		0.00
23) Nitrobenzene-d5	7.16	82	464197	74.16	ng		0.00
41) 2,4,6-Tribromophenol	10.41	330	97936	61.51	ng		0.00
44) 2-Fluorobiphenyl	8.95	172	863715	90.33	ng		-0.01
78) Terphenyl-d14	12.67	244	560267	68.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	102280	38.89	ng	#	43
3) Pyridine	2.63	79	242118	38.99	ng		91
4) n-Nitrosodimethylamine	2.59	42	83806	31.87	ng		82
6) Aniline	6.25	93	306212	32.80	ng		94
8) 2-Chlorophenol	6.38	128	259243	40.47	ng		91
9) Benzaldehyde	6.14	77	162611	40.76	ng		97
10) Phenol	6.27	94	327095	48.49	ng		92
11) bis(2-Chloroethyl)ether	6.33	93	255770	44.47	ng		87
12) 1,3-Dichlorobenzene	6.52	146	271402m	39.49	ng		
13) 1,4-Dichlorobenzene	6.60	146	284115	41.03	ng		98
14) 1,2-Dichlorobenzene	6.75	146	243593m	38.69	ng		
15) Benzyl Alcohol	6.75	79	179058	34.89	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.88	45	236123	30.39	ng	#	1
17) 2-Methylphenol	6.88	107	187403	36.07	ng	#	89
18) Hexachloroethane	7.10	117	88365	35.97	ng		92
19) n-Nitroso-di-n-propylamine	7.03	70	166803	39.75	ng	#	79
20) 3+4-Methylphenols	7.04	107	240737	39.72	ng	#	79
22) Acetophenone	7.02	105	351968	43.09	ng	#	96
24) Nitrobenzene	7.19	77	253676	41.84	ng		98
25) Isophorone	7.43	82	436283	37.63	ng		97
26) 2-Nitrophenol	7.50	139	129674	39.92	ng		97
27) 2,4-Dimethylphenol	7.55	122	199075	33.29	ng		92
28) bis(2-Chloroethoxy)methane	7.64	93	292738	40.71	ng		98
29) 2,4-Dichlorophenol	7.76	162	195359	39.12	ng		92
30) 1,2,4-Trichlorobenzene	7.82	180	202723	37.29	ng		98
31) Naphthalene	7.90	128	686514	37.95	ng		99
32) Benzoic acid	7.72	122	92636	28.13	ng		96
33) 4-Chloroaniline	7.96	127	292081	36.16	ng	#	92
34) Hexachlorobutadiene	8.01	225	104533	36.46	ng		98
35) Caprolactam	8.35	113	60027	36.29	ng	#	68
36) 4-Chloro-3-methylphenol	8.47	107	200078	37.47	ng		92
37) 2-Methylnaphthalene	8.58	142	414014	34.73	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	190416	50.68	ng	#	1
40) Hexachlorocyclopentadiene	8.73	237	7946	3.27	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	114085	37.83	ng		98
43) 2,4,5-Trichlorophenol	8.92	196	121869	38.85	ng	#	91
45) 1,1'-Biphenyl	9.05	154	529243	47.04	ng		98
46) 2-Chloronaphthalene	9.07	162	403107	41.31	ng		98
47) 2-Nitroaniline	9.19	65	113011	39.26	ng	#	68
48) Acenaphthylene	9.48	152	605634	39.02	ng		99
49) Dimethylphthalate	9.36	163	452178	41.40	ng		99
50) 2,6-Dinitrotoluene	9.43	165	103063	41.20	ng	#	80
51) Acenaphthene	9.66	154	361351	37.32	ng		98
52) 3-Nitroaniline	9.60	138	112779	39.07	ng		91
53) 2,4-Dinitrophenol	9.72	184	9622	11.42	ng	#	80
54) Dibenzofuran	9.83	168	510446	38.28	ng		93
55) 4-Nitrophenol	9.79	139	49586m	22.13	ng		
56) 2,4-Dinitrotoluene	9.83	165	112909	35.12	ng	#	28
57) Fluorene	10.17	166	371219	40.74	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.95	232	85191	34.55	ng	#	56
59) Diethylphthalate	10.06	149	461854	41.77	ng		100
60) 4-Chlorophenyl-phenylether	10.16	204	168396	37.98	ng		95
61) 4-Nitroaniline	10.22	138	99906	36.49	ng		96
62) Azobenzene	10.32	77	411218	37.61	ng		97
64) 4,6-Dinitro-2-methylphenol	10.24	198	17354	13.99	ng		86
65) n-Nitrosodiphenylamine	10.28	169	347461	46.67	ng		99
66) 4-Bromophenyl-phenylether	10.65	248	105373	43.78	ng		95
67) Hexachlorobenzene	10.71	284	97492	38.98	ng		95
68) Atrazine	10.82	200	91039	40.39	ng		98
69) Pentachlorophenol	10.91	266	61834	46.91	ng		97
70) Phenanthrene	11.12	178	492864	41.87	ng		98
71) Anthracene	11.16	178	491256	41.37	ng		99
72) Carbazole	11.34	167	471726	42.45	ng		99
73) Di-n-butylphthalate	11.67	149	611289	43.45	ng		99
74) Fluoranthene	12.30	202	467867	37.66	ng		99
76) Benzidine	12.43	184	227897	44.50	ng		98
77) Pyrene	12.53	202	490868	35.77	ng		99
79) Butylbenzylphthalate	13.15	149	240676	39.67	ng		98
80) Benzo(a)anthracene	13.71	228	402998	38.24	ng		98
81) 3,3'-Dichlorobenzidine	13.68	252	138637	48.92	ng	#	95
82) Chrysene	13.75	228	442173	44.59	ng		97
83) Bis(2-ethylhexyl)phthalate	13.71	149	302734	40.99	ng	#	99
84) Di-n-octyl phthalate	14.32	149	576048	48.00	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.32	276	316471	34.35	ng	#	100
87) Benzo(b)fluoranthene	14.71	252	352983m	33.07	ng		
88) Benzo(k)fluoranthene	14.74	252	399229m	49.59	ng		
89) Benzo(a)pyrene	15.03	252	348474	40.36	ng	#	96
90) Dibenzo(a,h)anthracene	16.33	278	268171	33.44	ng		97
91) Benzo(g,h,i)perylene	16.70	276	258733	31.36	ng		96

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

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