Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087769.D
Acq On : 7 Jun 2016 1:55
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
6/7/2016 7:22:48 PM

Quant Time: Jun 07 02:31:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	120563	20.00	ng		-0.01
21) Naphthalene-d8	8.14	136	419346	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	175007	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	287194	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	195312	20.00	ng		-0.02
86) Perylene-d12	15.43	264	174157	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	536827	71.97	ng		-0.01
7) Phenol-d6	6.49	99	679751	72.67	ng		0.00
23) Nitrobenzene-d5	7.42	82	605580	83.55	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	119897	68.25	ng		-0.01
44) 2-Fluorobiphenyl	9.22	172	1094492	103.19	ng		-0.01
78) Terphenyl-d14	12.96	244	793357	99.12	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	142815	39.61	ng	#	34
3) Pyridine	3.16	79	371092	38.96	ng		98
4) n-Nitrosodimethylamine	3.11	42	145197	36.08	ng		92
6) Aniline	6.51	93	451199	34.03	ng		98
8) 2-Chlorophenol	6.64	128	336938	39.25	ng		88
9) Benzaldehyde	6.40	77	224174	35.45	ng		97
10) Phenol	6.50	94	419307	39.36	ng		83
11) bis(2-Chloroethyl)ether	6.59	93	317689	41.05	ng		89
12) 1,3-Dichlorobenzene	6.79	146	342325	37.25	ng		98
13) 1,4-Dichlorobenzene	6.87	146	332445	36.05	ng		97
14) 1,2-Dichlorobenzene	7.03	146	337568	39.05	ng		97
15) Benzyl Alcohol	6.99	79	232444	33.63	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	406964	36.06	ng		91
17) 2-Methylphenol	7.11	107	244533	35.48	ng		99
18) Hexachloroethane	7.37	117	99496	30.85	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	219333	37.54	ng	#	85
20) 3+4-Methylphenols	7.27	107	286717	33.96	ng	#	78
22) Acetophenone	7.27	105	381410	40.16	ng	#	89
24) Nitrobenzene	7.44	77	306744	42.29	ng		90
25) Isophorone	7.68	82	534519	40.51	ng		100
26) 2-Nitrophenol	7.76	139	119863	35.56	ng	#	70
27) 2,4-Dimethylphenol	7.79	122	255542	36.58	ng		94
28) bis(2-Chloroethoxy)methane	7.90	93	369815	44.18	ng		99
29) 2,4-Dichlorophenol	8.00	162	249089	43.42	ng		94
30) 1,2,4-Trichlorobenzene	8.08	180	245704	40.90	ng		99
31) Naphthalene	8.16	128	782792	38.39	ng		100
32) Benzoic acid	7.90	122	95103	22.57	ng		96
33) 4-Chloroaniline	8.20	127	355917	40.19	ng		98
34) Hexachlorobutadiene	8.28	225	145035	46.43	ng		99
35) Caprolactam	8.58	113	62979	33.42	ng		95
36) 4-Chloro-3-methylphenol	8.70	107	230283	38.80	ng		85
37) 2-Methylnaphthalene	8.86	142	548228	40.72	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	222776	46.19	ng	#	1
40) Hexachlorocyclopentadiene	9.00	237	19597	6.91	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	152723	41.93	ng		97
43) 2,4,5-Trichlorophenol	9.16	196	129022	38.06	ng	#	88
45) 1,1'-Biphenyl	9.31	154	579909	40.83	ng		100
46) 2-Chloronaphthalene	9.34	162	449854	39.79	ng		100
47) 2-Nitroaniline	9.43	65	136035	42.73	ng		99
48) Acenaphthylene	9.76	152	716482	40.64	ng		98
49) Dimethylphthalate	9.62	163	593846	46.67	ng		99
50) 2,6-Dinitrotoluene	9.68	165	117767	40.68	ng		93
51) Acenaphthene	9.93	154	432415	38.12	ng		99
52) 3-Nitroaniline	9.84	138	126451	38.19	ng		98
53) 2,4-Dinitrophenol	9.94	184	5053	7.54	ng	#	86
54) Dibenzofuran	10.10	168	616777	39.93	ng		99
55) 4-Nitrophenol	10.00	139	84381	29.82	ng	#	84
56) 2,4-Dinitrotoluene	10.08	165	131214	35.60	ng		98
57) Fluorene	10.43	166	409836	33.95	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	102718	35.18	ng	#	57
59) Diethylphthalate	10.32	149	555034	43.44	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	203249	42.90	ng		97
61) 4-Nitroaniline	10.46	138	137589	43.22	ng		95
62) Azobenzene	10.59	77	510224	39.67	ng		93
64) 4,6-Dinitro-2-methylphenol	10.48	198	10673	8.42	ng		87
65) n-Nitrosodiphenylamine	10.55	169	384715	40.90	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	135666	47.64	ng		94
67) Hexachlorobenzene	10.98	284	126072	39.59	ng		99
68) Atrazine	11.07	200	76289	27.38	ng		92
69) Pentachlorophenol	11.18	266	63022	33.31	ng		97
70) Phenanthrene	11.39	178	578120	37.13	ng		100
71) Anthracene	11.45	178	649498	41.63	ng		99
72) Carbazole	11.60	167	531707	36.00	ng		99
73) Di-n-butylphthalate	11.94	149	781895	49.38	ng	#	98
74) Fluoranthene	12.58	202	627575	40.96	ng		97
76) Benzidine	12.71	184	332221	43.14	ng		99
77) Pyrene	12.81	202	659552	47.42	ng		100
79) Butylbenzylphthalate	13.43	149	272831	46.09	ng	#	80
80) Benzo(a)anthracene	13.99	228	493607	43.79	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	155339	48.85	ng	#	95
82) Chrysene	14.03	228	514245	45.84	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	380255	53.98	ng	#	94
84) Di-n-octyl phthalate	14.61	149	693690	52.97	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.81	276	402795	43.43	ng	#	100
87) Benzo(b)fluoranthene	15.02	252	413781m	36.52	ng		
88) Benzo(k)fluoranthene	15.05	252	444209m	47.13	ng		
89) Benzo(a)pyrene	15.37	252	397392	41.73	ng	#	94
90) Dibenzo(a,h)anthracene	16.83	278	341422	42.13	ng		98
91) Benzo(g,h,i)perylene	17.23	276	329193	40.26	ng		97

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

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