Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086387.D
Acq On : 23 Apr 2016 13:08
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
4/25/2016 12:35:54 PM

Quant Time: Apr 25 05:18:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	174451	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	739598	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	349039	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	660370	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	451694	20.00	ng		0.00
86) Perylene-d12	15.40	264	416483	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	797309	78.93	ng		0.00
7) Phenol-d6	6.48	99	1021744	74.40	ng		0.00
23) Nitrobenzene-d5	7.41	82	1008253	80.76	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	261548	82.78	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1617847	79.10	ng		0.00
78) Terphenyl-d14	12.95	244	1584051	87.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	198232	35.49	ng		99
3) Pyridine	3.14	79	503458	37.82	ng		94
4) n-Nitrosodimethylamine	3.07	42	187446	37.12	ng		95
6) Aniline	6.50	93	658373	39.28	ng		97
8) 2-Chlorophenol	6.62	128	469433	38.06	ng		98
9) Benzaldehyde	6.38	77	300231	35.99	ng		96
10) Phenol	6.49	94	610727	37.66	ng		95
11) bis(2-Chloroethyl)ether	6.58	93	493245	34.94	ng		97
12) 1,3-Dichlorobenzene	6.78	146	515459	39.19	ng		98
13) 1,4-Dichlorobenzene	6.86	146	531373	36.78	ng		98
14) 1,2-Dichlorobenzene	7.01	146	490912	37.40	ng		98
15) Benzyl Alcohol	6.99	79	317061	38.90	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	659745	35.65	ng		99
17) 2-Methylphenol	7.10	107	385449	38.14	ng		99
18) Hexachloroethane	7.36	117	185346	38.09	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	310233	37.80	ng		98
20) 3+4-Methylphenols	7.25	107	406420	37.94	ng		97
22) Acetophenone	7.25	105	581590	37.48	ng		99
24) Nitrobenzene	7.42	77	518966	38.75	ng		98
25) Isophorone	7.66	82	862078	35.23	ng		99
26) 2-Nitrophenol	7.74	139	274698	41.52	ng		96
27) 2,4-Dimethylphenol	7.79	122	421378	37.19	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	531511	38.91	ng		99
29) 2,4-Dichlorophenol	7.98	162	405197	43.26	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	406789	39.99	ng		94
31) Naphthalene	8.14	128	1412474	37.49	ng		99
32) Benzoic acid	7.90	122	259490	35.82	ng		98
33) 4-Chloroaniline	8.20	127	606654	41.34	ng		98
34) Hexachlorobutadiene	8.27	225	204598	40.27	ng		100
35) Caprolactam	8.58	113	139937	41.64	ng	#	79
36) 4-Chloro-3-methylphenol	8.68	107	437274	39.28	ng		99
37) 2-Methylnaphthalene	8.84	142	894333	41.16	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	359335	39.79	ng		100
40) Hexachlorocyclopentadiene	8.99	237	165872	37.61	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	255592	43.17	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	281585	38.62	ng		96
45) 1,1'-Biphenyl	9.30	154	1038938	38.37	ng		96
46) 2-Chloronaphthalene	9.33	162	847033	39.52	ng		96
47) 2-Nitroaniline	9.42	65	279733	41.92	ng		97
48) Acenaphthylene	9.74	152	1367028	39.34	ng		100
49) Dimethylphthalate	9.61	163	990774	39.29	ng		100
50) 2,6-Dinitrotoluene	9.66	165	223578	41.05	ng		96
51) Acenaphthene	9.92	154	838472	39.28	ng		98
52) 3-Nitroaniline	9.84	138	281149	41.23	ng		96
53) 2,4-Dinitrophenol	9.94	184	64749	22.87	ng		93
54) Dibenzofuran	10.09	168	1101313	40.17	ng		97
55) 4-Nitrophenol	10.00	139	180323	37.79	ng		99
56) 2,4-Dinitrotoluene	10.06	165	280815	38.83	ng		92
57) Fluorene	10.43	166	866687	38.58	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	220436	41.37	ng		95
59) Diethylphthalate	10.30	149	969475	40.15	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	376016	38.27	ng		95
61) 4-Nitroaniline	10.45	138	283236	40.58	ng		98
62) Azobenzene	10.58	77	970072	38.74	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	126948	31.46	ng		86
65) n-Nitrosodiphenylamine	10.54	169	768287	37.73	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	252794	39.09	ng	#	89
67) Hexachlorobenzene	10.97	284	253848	36.79	ng	#	66
68) Atrazine	11.07	200	256074	40.73	ng		99
69) Pentachlorophenol	11.16	266	152381	37.61	ng		98
70) Phenanthrene	11.38	178	1230270	37.08	ng		100
71) Anthracene	11.44	178	1407195	37.01	ng		100
72) Carbazole	11.60	167	1364640	38.22	ng		99
73) Di-n-butylphthalate	11.93	149	1489396	39.65	ng		100
74) Fluoranthene	12.57	202	1355204	37.87	ng		97
76) Benzidine	12.69	184	779202	42.07	ng		99
77) Pyrene	12.80	202	1370880	43.52	ng		99
79) Butylbenzylphthalate	13.41	149	617173	42.05	ng	#	80
80) Benzo(a)anthracene	13.99	228	911158	38.86	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	663276	41.01	ng	#	98
82) Chrysene	14.02	228	1150426	43.55	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	684779	41.67	ng	#	96
84) Di-n-octyl phthalate	14.59	149	1300925	41.24	ng		98
85) Indeno(1,2,3-cd)pyrene	16.79	276	951745	40.53	ng		99
87) Benzo(b)fluoranthene	15.00	252	877129	38.37	ng	#	96
88) Benzo(k)fluoranthene	15.03	252	952585m	42.45	ng		
89) Benzo(a)pyrene	15.35	252	882713	39.14	ng	#	96
90) Dibenzo(a,h)anthracene	16.80	278	792786	42.61	ng		100
91) Benzo(g,h,i)perylene	17.20	276	814880	42.43	ng		94

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

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