Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086362.D
Acq On : 23 Apr 2016 00:55
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
4/25/2016 12:35:40 PM

Quant Time: Apr 23 01:28:15 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	166890	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	717661	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	350177	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	626644	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	499939	20.00	ng	0.00
86) Perylene-d12	15.40	264	460378	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	776192	80.32	ng	0.00
7) Phenol-d6	6.48	99	1039855	79.15	ng	0.00
23) Nitrobenzene-d5	7.41	82	969454	80.02	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	260513	82.18	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1626423	79.26	ng	0.00
78) Terphenyl-d14	12.95	244	1517589	75.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.41	88	196358	36.74	ng	98
3) Pyridine	3.14	79	536783	42.15	ng	95
4) n-Nitrosodimethylamine	3.07	42	183596	38.01	ng	100
6) Aniline	6.50	93	660235	41.18	ng	95
8) 2-Chlorophenol	6.62	128	459166	38.92	ng	97
9) Benzaldehyde	6.38	77	331643	41.56	ng	98
10) Phenol	6.49	94	605272	39.02	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	505394	37.42	ng	97
12) 1,3-Dichlorobenzene	6.78	146	505325	40.16	ng	97
13) 1,4-Dichlorobenzene	6.86	146	522820	37.83	ng	98
14) 1,2-Dichlorobenzene	7.01	146	496722	39.55	ng	98
15) Benzyl Alcohol	6.99	79	304598	39.07	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	665438	37.59	ng	99
17) 2-Methylphenol	7.09	107	369765	38.25	ng	96
18) Hexachloroethane	7.36	117	177712	38.17	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	298559	38.03	ng	98
20) 3+4-Methylphenols	7.25	107	411770	40.18	ng	98
22) Acetophenone	7.25	105	568563	37.76	ng	99
24) Nitrobenzene	7.42	77	505269	38.88	ng	97
25) Isophorone	7.66	82	862604	36.33	ng	100
26) 2-Nitrophenol	7.74	139	268894	41.88	ng	98
27) 2,4-Dimethylphenol	7.78	122	415104	37.76	ng	92
28) bis(2-Chloroethoxy)methane	7.88	93	524223	39.54	ng	100
29) 2,4-Dichlorophenol	7.98	162	385266	42.39	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	392304	39.74	ng	99
31) Naphthalene	8.14	128	1366948	37.39	ng	99
32) Benzoic acid	7.89	122	257357	36.61	ng	94
33) 4-Chloroaniline	8.20	127	575132	40.39	ng	99
34) Hexachlorobutadiene	8.27	225	193189	39.19	ng	98
35) Caprolactam	8.57	113	123824	37.97	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	421690	39.04	ng	95
37) 2-Methylnaphthalene	8.84	142	853978	40.50	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	343408	37.91	ng	99
40) Hexachlorocyclopentadiene	8.99	237	176043	39.78	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	246866	41.56	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	273503	37.39	ng	#	85
45) 1,1'-Biphenyl	9.31	154	1039077	38.25	ng		99
46) 2-Chloronaphthalene	9.33	162	827777	38.49	ng		98
47) 2-Nitroaniline	9.42	65	276397	41.28	ng		97
48) Acenaphthylene	9.74	152	1375238	39.44	ng		99
49) Dimethylphthalate	9.61	163	999364	39.50	ng		100
50) 2,6-Dinitrotoluene	9.66	165	224583	41.10	ng		93
51) Acenaphthene	9.92	154	849499	39.66	ng		99
52) 3-Nitroaniline	9.84	138	288765	42.21	ng		98
53) 2,4-Dinitrophenol	9.94	184	111224	39.15	ng		93
54) Dibenzofuran	10.09	168	1091601	39.69	ng		98
55) 4-Nitrophenol	10.00	139	195913	40.93	ng		96
56) 2,4-Dinitrotoluene	10.06	165	290786	40.07	ng		94
57) Fluorene	10.43	166	869128	38.56	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	219406	41.04	ng		95
59) Diethylphthalate	10.30	149	953008	39.34	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	371536	37.69	ng		95
61) 4-Nitroaniline	10.45	138	282364	40.33	ng		97
62) Azobenzene	10.58	77	972708	38.72	ng		98
64) 4,6-Dinitro-2-methylphenol	10.48	198	161501	42.18	ng		89
65) n-Nitrosodiphenylamine	10.54	169	771177	39.91	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	249466	40.66	ng		93
67) Hexachlorobenzene	10.97	284	248923	38.02	ng	#	59
68) Atrazine	11.07	200	248982	41.73	ng		99
69) Pentachlorophenol	11.16	266	166817	43.39	ng		98
70) Phenanthrene	11.39	178	1236531	39.27	ng		98
71) Anthracene	11.44	178	1400634	38.82	ng		100
72) Carbazole	11.60	167	1363375	40.23	ng		99
73) Di-n-butylphthalate	11.93	149	1480368	41.53	ng		100
74) Fluoranthene	12.57	202	1325762	39.04	ng		98
76) Benzidine	12.69	184	834317	40.70	ng		99
77) Pyrene	12.80	202	1323867	37.97	ng		100
79) Butylbenzylphthalate	13.43	149	641648	39.50	ng		97
80) Benzo(a)anthracene	13.99	228	955083	36.80	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	688369	38.45	ng		98
82) Chrysene	14.02	228	1147295	39.24	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	703763	38.69	ng		99
84) Di-n-octyl phthalate	14.59	149	1374252	39.36	ng		99
85) Indeno(1,2,3-cd)pyrene	16.79	276	943360	36.29	ng		100
87) Benzo(b)fluoranthene	15.00	252	892393m	35.31	ng		
88) Benzo(k)fluoranthene	15.04	252	1137886m	45.88	ng		
89) Benzo(a)pyrene	15.36	252	969235	38.88	ng		99
90) Dibenzo(a,h)anthracene	16.81	278	780564	37.96	ng		96
91) Benzo(g,h,i)perylene	17.20	276	790138	37.22	ng		99

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

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