Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
Data File : BF089341.D
Acq On : 28 Jul 2016 2:14
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
sohil
7/28/2016 5:03:14 PM

Quant Time: Jul 28 07:11:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:12:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	46473	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	203361	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	96514	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	180316	20.00	ng		0.00
75) Chrysene-d12	13.67	240	133619	20.00	ng		0.00
86) Perylene-d12	15.01	264	103722	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	241665	83.03	ng		0.00
7) Phenol-d6	6.20	99	322109	83.74	ng		0.00
23) Nitrobenzene-d5	7.12	82	277807	80.63	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	68244	85.37	ng		0.00
44) 2-Fluorobiphenyl	8.91	172	555831	84.52	ng		0.00
78) Terphenyl-d14	12.63	244	448044	78.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	51368	38.85	ng		99
3) Pyridine	2.56	79	122808	43.13	ng		99
4) n-Nitrosodimethylamine	2.54	42	45524	40.31	ng		93
6) Aniline	6.20	93	180145	43.37	ng		100
8) 2-Chlorophenol	6.33	128	143991	43.74	ng		100
9) Benzaldehyde	6.09	77	75839	40.38	ng		99
10) Phenol	6.22	94	182881	43.09	ng		93
11) bis(2-Chloroethyl)ether	6.30	93	147523	40.91	ng		98
12) 1,3-Dichlorobenzene	6.48	146	143835	41.77	ng		99
13) 1,4-Dichlorobenzene	6.56	146	158101	41.60	ng		100
14) 1,2-Dichlorobenzene	6.72	146	140427	39.44	ng		98
15) Benzyl Alcohol	6.71	79	101008	42.32	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.83	45	162803	41.39	ng		96
17) 2-Methylphenol	6.83	107	103832	40.80	ng	#	90
18) Hexachloroethane	7.05	117	58958	40.46	ng		99
19) n-Nitroso-di-n-propylamine	6.98	70	101451	43.74	ng		97
20) 3+4-Methylphenols	6.98	107	141812	43.40	ng		95
22) Acetophenone	6.97	105	202662	41.86	ng		97
24) Nitrobenzene	7.14	77	161965	41.30	ng		98
25) Isophorone	7.38	82	278131	40.08	ng		99
26) 2-Nitrophenol	7.46	139	68984	39.35	ng		98
27) 2,4-Dimethylphenol	7.51	122	115423	41.33	ng		98
28) bis(2-Chloroethoxy)methane	7.60	93	162455	42.29	ng		99
29) 2,4-Dichlorophenol	7.70	162	113430	44.57	ng		97
30) 1,2,4-Trichlorobenzene	7.78	180	119671	41.21	ng		97
31) Naphthalene	7.85	128	382937	38.03	ng		99
32) Benzoic acid	7.68	122	76388	39.25	ng		94
33) 4-Chloroaniline	7.92	127	151715	39.57	ng		99
34) Hexachlorobutadiene	7.98	225	70715	42.52	ng		99
35) Caprolactam	8.30	113	32414	42.20	ng		97
36) 4-Chloro-3-methylphenol	8.41	107	133429	44.11	ng		96
37) 2-Methylnaphthalene	8.55	142	247071	40.72	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	130497	38.64	ng		99
40) Hexachlorocyclopentadiene	8.70	237	32307	38.73	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	67103	41.79	ng		100
43) 2,4,5-Trichlorophenol	8.88	196	80432	39.54	ng		98
45) 1,1'-Biphenyl	9.00	154	306483	37.30	ng		100
46) 2-Chloronaphthalene	9.03	162	249726	40.47	ng		100
47) 2-Nitroaniline	9.14	65	74155	40.57	ng		98
48) Acenaphthylene	9.44	152	407577	41.93	ng		99
49) Dimethylphthalate	9.32	163	307463	41.86	ng		100
50) 2,6-Dinitrotoluene	9.38	165	66804	44.26	ng		91
51) Acenaphthene	9.61	154	238666	42.04	ng		99
52) 3-Nitroaniline	9.55	138	67991	42.69	ng		94
53) 2,4-Dinitrophenol	9.67	184	18322	37.82	ng		96
54) Dibenzofuran	9.78	168	323819	41.86	ng		99
55) 4-Nitrophenol	9.74	139	27039m	38.35	ng		
56) 2,4-Dinitrotoluene	9.78	165	83102	41.83	ng	#	85
57) Fluorene	10.12	166	274593	40.67	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.91	232	59274	43.65	ng		98
59) Diethylphthalate	10.01	149	287901	38.66	ng		100
60) 4-Chlorophenyl-phenylether	10.12	204	119377	38.54	ng		98
61) 4-Nitroaniline	10.17	138	70248	42.79	ng		87
62) Azobenzene	10.27	77	294037	38.34	ng		99
64) 4,6-Dinitro-2-methylphenol	10.19	198	45283	42.19	ng		88
65) n-Nitrosodiphenylamine	10.24	169	224458	39.89	ng		98
66) 4-Bromophenyl-phenylether	10.60	248	74941	43.53	ng		93
67) Hexachlorobenzene	10.66	284	68048	38.57	ng		94
68) Atrazine	10.78	200	74729	43.23	ng		98
69) Pentachlorophenol	10.87	266	31163	39.76	ng		99
70) Phenanthrene	11.07	178	383846	41.28	ng		100
71) Anthracene	11.12	178	402402	38.92	ng		99
72) Carbazole	11.29	167	357882	41.12	ng		100
73) Di-n-butylphthalate	11.62	149	446941	38.27	ng		99
74) Fluoranthene	12.25	202	413862	42.31	ng		99
76) Benzidine	12.39	184	187789	38.04	ng		98
77) Pyrene	12.48	202	388432	38.36	ng		99
79) Butylbenzylphthalate	13.11	149	197241	42.84	ng		96
80) Benzo(a)anthracene	13.66	228	293493	38.92	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	113359	41.78	ng		97
82) Chrysene	13.69	228	302822	37.73	ng		100
83) Bis(2-ethylhexyl)phthalate	13.67	149	255520	38.39	ng		100
84) Di-n-octyl phthalate	14.29	149	412163	39.69	ng		99
85) Indeno(1,2,3-cd)pyrene	16.21	276	218924	38.36	ng		100
87) Benzo(b)fluoranthene	14.65	252	228120m	35.42	ng		
88) Benzo(k)fluoranthene	14.67	252	260451m	43.98	ng		
89) Benzo(a)pyrene	14.95	252	226555	39.21	ng		98
90) Dibenzo(a,h)anthracene	16.22	278	182323	40.05	ng	#	95
91) Benzo(g,h,i)perylene	16.56	276	178945	39.99	ng		96

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

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