Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085155.D
Acq On : 3 Mar 2016 14:42
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:14 PM

Quant Time: Mar 04 07:25:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	180478	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	725504	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	342060	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	624454	20.00	ng		0.00
75) Chrysene-d12	14.14	240	445129	20.00	ng		-0.01
86) Perylene-d12	15.61	264	339073	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	881333	81.91	ng		0.00
7) Phenol-d6	6.61	99	1198234	85.00	ng		0.00
23) Nitrobenzene-d5	7.54	82	1058269	78.06	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	250520	85.59	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1646606	73.21	ng		-0.01
78) Terphenyl-d14	13.09	244	1413434	73.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	222028	40.35	ng		99
3) Pyridine	3.45	79	612161	44.45	ng		100
4) n-Nitrosodimethylamine	3.40	42	237949	40.37	ng		98
6) Aniline	6.64	93	797176	40.35	ng		99
8) 2-Chlorophenol	6.77	128	532521	41.11	ng		91
9) Benzaldehyde	6.53	77	290484	45.31	ng		100
10) Phenol	6.62	94	686227m	45.45	ng		
11) bis(2-Chloroethyl)ether	6.71	93	451856	36.03	ng		91
12) 1,3-Dichlorobenzene	6.92	146	536075m	38.55	ng		
13) 1,4-Dichlorobenzene	7.00	146	543507	39.00	ng		99
14) 1,2-Dichlorobenzene	7.16	146	544519	43.06	ng		96
15) Benzyl Alcohol	7.12	79	464562	44.89	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.26	45	724458	40.08	ng		99
17) 2-Methylphenol	7.22	107	411674	38.95	ng		96
18) Hexachloroethane	7.50	117	215362	41.89	ng		97
19) n-Nitroso-di-n-propylamine	7.40	70	376454	40.97	ng	#	91
20) 3+4-Methylphenols	7.38	107	564236	45.07	ng		89
22) Acetophenone	7.40	105	747505	42.21	ng	#	91
24) Nitrobenzene	7.57	77	615029	44.66	ng	#	88
25) Isophorone	7.81	82	1058565	42.13	ng		97
26) 2-Nitrophenol	7.88	139	257953	38.49	ng	#	65
27) 2,4-Dimethylphenol	7.91	122	470518	38.41	ng		95
28) bis(2-Chloroethoxy)methane	8.01	93	637756	45.58	ng		99
29) 2,4-Dichlorophenol	8.12	162	388743	39.35	ng		90
30) 1,2,4-Trichlorobenzene	8.21	180	441817	41.37	ng		99
31) Naphthalene	8.29	128	1419507	39.79	ng		100
32) Benzoic acid	8.02	122	315565	38.79	ng		98
33) 4-Chloroaniline	8.33	127	616959	42.76	ng		97
34) Hexachlorobutadiene	8.41	225	223229	40.17	ng		100
35) Caprolactam	8.71	113	140033	43.41	ng		91
36) 4-Chloro-3-methylphenol	8.81	107	475597	42.44	ng		87
37) 2-Methylnaphthalene	8.97	142	926624	40.48	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	396084	40.49	ng		99
40) Hexachlorocyclopentadiene	9.13	237	216534	41.04	ng		99

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Quant Time: Mar 04 07:25:00 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	287210	39.44	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	296112	42.89	ng	#	93
45) 1,1'-Biphenyl	9.44	154	1117015	38.22	ng		98
46) 2-Chloronaphthalene	9.46	162	814948	36.58	ng	#	90
47) 2-Nitroaniline	9.56	65	253684	36.75	ng		98
48) Acenaphthylene	9.89	152	1476364	42.58	ng		99
49) Dimethylphthalate	9.74	163	922989	35.15	ng		98
50) 2,6-Dinitrotoluene	9.81	165	223658	39.82	ng	#	70
51) Acenaphthene	10.06	154	903457	42.92	ng		100
52) 3-Nitroaniline	9.97	138	233887	34.81	ng	#	79
53) 2,4-Dinitrophenol	10.07	184	95344	38.12	ng	#	59
54) Dibenzofuran	10.23	168	1154989	41.88	ng		95
55) 4-Nitrophenol	10.12	139	191530	36.27	ng	#	72
56) 2,4-Dinitrotoluene	10.21	165	304571	42.37	ng	#	70
57) Fluorene	10.57	166	934828	43.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	205420	42.35	ng		95
59) Diethylphthalate	10.44	149	973813	38.22	ng		95
60) 4-Chlorophenyl-phenylether	10.56	204	440665	41.81	ng		96
61) 4-Nitroaniline	10.58	138	268861	42.78	ng		96
62) Azobenzene	10.72	77	1085592	43.25	ng		97
64) 4,6-Dinitro-2-methylphenol	10.61	198	131872	35.27	ng	#	52
65) n-Nitrosodiphenylamine	10.68	169	733481	37.76	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	265079	43.72	ng		93
67) Hexachlorobenzene	11.12	284	264757	40.93	ng	#	90
68) Atrazine	11.20	200	229218	42.44	ng		99
69) Pentachlorophenol	11.30	266	154401	43.00	ng		99
70) Phenanthrene	11.53	178	1383984	42.29	ng		99
71) Anthracene	11.58	178	1262504	36.34	ng		99
72) Carbazole	11.74	167	1209805	39.71	ng		97
73) Di-n-butylphthalate	12.06	149	1461758	37.96	ng		100
74) Fluoranthene	12.72	202	1382813	42.10	ng		96
76) Benzidine	12.84	184	607188	45.83	ng		99
77) Pyrene	12.95	202	1407124	42.00	ng		99
79) Butylbenzylphthalate	13.56	149	613415	40.35	ng		98
80) Benzo(a)anthracene	14.13	228	1065023	39.97	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	388434	46.21	ng		98
82) Chrysene	14.17	228	1087126	44.16	ng		100
83) Bis(2-ethylhexyl)phthalate	14.12	149	829256	41.45	ng		100
84) Di-n-octyl phthalate	14.73	149	1364372	44.78	ng		100
85) Indeno(1,2,3-cd)pyrene	17.09	276	746738	38.87	ng		100
87) Benzo(b)fluoranthene	15.18	252	796006	35.22	ng		100
88) Benzo(k)fluoranthene	15.21	252	868286m	47.63	ng		
89) Benzo(a)pyrene	15.55	252	772993	41.27	ng	#	94
90) Dibenzo(a,h)anthracene	17.11	278	624174	39.04	ng		96
91) Benzo(g,h,i)perylene	17.53	276	612670	38.11	ng		98

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

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