Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083275.D
Acq On : 25 Nov 2015 15:56
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mmdadoda
11/26/2015 6:45:17 PM

Quant Time: Nov 26 02:22:32 2015
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	193423	20.00	ng		-0.07
21) Naphthalene-d8	7.88	136	748355	20.00	ng		-0.07
38) Acenaphthene-d10	9.63	164	380310	20.00	ng		-0.07
63) Phenanthrene-d10	11.10	188	711610	20.00	ng		-0.08
75) Chrysene-d12	13.73	240	567612	20.00	ng		-0.08
86) Perylene-d12	15.07	264	469938	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1044369	81.63	ng		-0.10
7) Phenol-d6	6.26	99	1390401	83.99	ng		-0.08
23) Nitrobenzene-d5	7.16	82	1262634	77.10	ng		-0.07
41) 2,4,6-Tribromophenol	10.42	330	296898	76.31	ng		-0.07
44) 2-Fluorobiphenyl	8.96	172	1930847	70.80	ng		-0.07
78) Terphenyl-d14	12.69	244	1739772	72.18	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	229918m	36.28	ng		
3) Pyridine	2.65	79	753600m	45.02	ng		
4) n-Nitrosodimethylamine	2.60	42	340880	44.15	ng		91
6) Aniline	6.25	93	952252	47.07	ng		99
8) 2-Chlorophenol	6.38	128	557232	40.31	ng		96
9) Benzaldehyde	6.12	77	354381	43.96	ng		89
10) Phenol	6.27	94	883649	44.13	ng	#	78
11) bis(2-Chloroethyl)ether	6.34	93	610635	42.70	ng		96
12) 1,3-Dichlorobenzene	6.52	146	613363	38.86	ng		97
13) 1,4-Dichlorobenzene	6.60	146	651971	40.84	ng		99
14) 1,2-Dichlorobenzene	6.76	146	590883	40.72	ng		98
15) Benzyl Alcohol	6.75	79	544944	39.40	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1084102	48.62	ng	#	59
17) 2-Methylphenol	6.88	107	465437	40.69	ng		96
18) Hexachloroethane	7.11	117	228348	40.61	ng		93
19) n-Nitroso-di-n-propylamine	7.03	70	530060	46.01	ng	#	96
20) 3+4-Methylphenols	7.04	107	630804	43.63	ng		97
22) Acetophenone	7.02	105	869010	40.45	ng	#	99
24) Nitrobenzene	7.19	77	757894	43.31	ng		92
25) Isophorone	7.43	82	1251856	40.37	ng		98
26) 2-Nitrophenol	7.51	139	297892	38.56	ng		89
27) 2,4-Dimethylphenol	7.56	122	526809	42.73	ng		92
28) bis(2-Chloroethoxy)methane	7.64	93	694691	38.53	ng		99
29) 2,4-Dichlorophenol	7.76	162	454047	38.72	ng		93
30) 1,2,4-Trichlorobenzene	7.83	180	513713	39.88	ng		98
31) Naphthalene	7.91	128	1547429	38.31	ng		99
32) Benzoic acid	7.71	122	344797	35.98	ng		96
33) 4-Chloroaniline	7.96	127	706161	45.06	ng		92
34) Hexachlorobutadiene	8.03	225	285262	37.47	ng		97
35) Caprolactam	8.35	113	152642	40.62	ng		95
36) 4-Chloro-3-methylphenol	8.47	107	555135	40.87	ng		93
37) 2-Methylnaphthalene	8.59	142	1061152	40.48	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	483617	39.23	ng		99
40) Hexachlorocyclopentadiene	8.75	237	246553	35.18	ng		99

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Quant Time: Nov 26 02:22:32 2015
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	340252	38.54	ng		97
43) 2,4,5-Trichlorophenol	8.92	196	364318	40.36	ng	#	87
45) 1,1'-Biphenyl	9.06	154	1341289	41.44	ng		98
46) 2-Chloronaphthalene	9.08	162	1001662	39.40	ng		98
47) 2-Nitroaniline	9.19	65	428704	47.67	ng		89
48) Acenaphthylene	9.48	152	1548490	39.30	ng		99
49) Dimethylphthalate	9.37	163	1102220	37.64	ng		99
50) 2,6-Dinitrotoluene	9.43	165	249759	38.02	ng		94
51) Acenaphthene	9.67	154	919492	38.35	ng		100
52) 3-Nitroaniline	9.60	138	299345	42.74	ng	#	70
53) 2,4-Dinitrophenol	9.70	184	142043	37.53	ng		95
54) Dibenzofuran	9.84	168	1301674	38.39	ng		95
55) 4-Nitrophenol	9.78	139	187627	34.93	ng		87
56) 2,4-Dinitrotoluene	9.83	165	313018	37.60	ng		96
57) Fluorene	10.17	166	984737	35.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	286332	38.67	ng		94
59) Diethylphthalate	10.07	149	1138724	39.07	ng		97
60) 4-Chlorophenyl-phenylether	10.17	204	477932	37.24	ng		94
61) 4-Nitroaniline	10.22	138	305478	44.30	ng		95
62) Azobenzene	10.33	77	1408245	42.33	ng		98
64) 4,6-Dinitro-2-methylphenol	10.24	198	209459	42.72	ng		96
65) n-Nitrosodiphenylamine	10.30	169	1010976	41.77	ng		100
66) 4-Bromophenyl-phenylether	10.66	248	301331	38.16	ng	#	91
67) Hexachlorobenzene	10.72	284	330451	38.00	ng		100
68) Atrazine	10.83	200	303588	43.20	ng		96
69) Pentachlorophenol	10.92	266	200372	35.38	ng		98
70) Phenanthrene	11.13	178	1661817	40.53	ng		99
71) Anthracene	11.18	178	1553763	37.15	ng		100
72) Carbazole	11.34	167	1380496	37.13	ng		99
73) Di-n-butylphthalate	11.68	149	1693562	37.32	ng		100
74) Fluoranthene	12.31	202	1696183	40.42	ng		99
76) Benzidine	12.43	184	741374	49.83	ng		98
77) Pyrene	12.53	202	1639530	42.28	ng		100
79) Butylbenzylphthalate	13.17	149	707609	38.56	ng		89
80) Benzo(a)anthracene	13.71	228	1410634	40.18	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	491599	40.24	ng	#	97
82) Chrysene	13.75	228	1255678	38.57	ng		98
83) Bis(2-ethylhexyl)phthalate	13.74	149	993505	41.45	ng	#	95
84) Di-n-octyl phthalate	14.34	149	1520840	36.86	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.31	276	1165448	39.36	ng		96
87) Benzo(b)fluoranthene	14.72	252	1379098m	42.95	ng		
88) Benzo(k)fluoranthene	14.74	252	810000m	33.86	ng		
89) Benzo(a)pyrene	15.03	252	1004074	37.88	ng		98
90) Dibenzo(a,h)anthracene	16.32	278	968060	40.20	ng		99
91) Benzo(g,h,i)perylene	16.67	276	965258	41.06	ng		98

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

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