Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083232.D
Acq On : 24 Nov 2015 12:46
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
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11/25/2015 12:54:26 PM

Quant Time: Nov 24 15:25:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 15:18:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	181066	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	720977	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	354564	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	666542	20.00	ng		0.00
75) Chrysene-d12	13.76	240	503635	20.00	ng		0.00
86) Perylene-d12	15.12	264	376747	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	965509	80.62	ng		0.00
7) Phenol-d6	6.28	99	1279925	82.60	ng		0.00
23) Nitrobenzene-d5	7.19	82	1197219	75.88	ng		0.00
41) 2,4,6-Tribromophenol	10.44	330	281873	77.71	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	1981829	77.94	ng		0.00
78) Terphenyl-d14	12.72	244	1737726	81.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	208243	35.10	ng	#	81
3) Pyridine	2.68	79	682239	43.54	ng		93
4) n-Nitrosodimethylamine	2.64	42	342122	47.34	ng		91
6) Aniline	6.28	93	890832	47.04	ng		91
8) 2-Chlorophenol	6.41	128	517192	39.97	ng		83
9) Benzaldehyde	6.15	77	332189	44.05	ng		90
10) Phenol	6.30	94	782638	41.75	ng		81
11) bis(2-Chloroethyl)ether	6.35	93	560255	41.85	ng		91
12) 1,3-Dichlorobenzene	6.55	146	574206	38.87	ng		99
13) 1,4-Dichlorobenzene	6.63	146	587596	39.32	ng		100
14) 1,2-Dichlorobenzene	6.79	146	563186	41.46	ng		99
15) Benzyl Alcohol	6.78	79	504253	38.94	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1015548	48.65	ng	#	63
17) 2-Methylphenol	6.90	107	430023	40.16	ng		96
18) Hexachloroethane	7.13	117	214899	40.82	ng		98
19) n-Nitroso-di-n-propylamine	7.05	70	507185	47.03	ng	#	96
20) 3+4-Methylphenols	7.06	107	588368	43.47	ng		95
22) Acetophenone	7.04	105	802646	38.78	ng	#	98
24) Nitrobenzene	7.21	77	710480	42.14	ng		95
25) Isophorone	7.45	82	1162490	38.91	ng		98
26) 2-Nitrophenol	7.53	139	285974	38.42	ng		93
27) 2,4-Dimethylphenol	7.59	122	478973	40.32	ng		95
28) bis(2-Chloroethoxy)methane	7.67	93	641318	36.92	ng		99
29) 2,4-Dichlorophenol	7.78	162	442325	39.15	ng		95
30) 1,2,4-Trichlorobenzene	7.85	180	492867	39.72	ng		97
31) Naphthalene	7.93	128	1506609	38.72	ng		100
32) Benzoic acid	7.74	122	278252	30.14	ng		95
33) 4-Chloroaniline	7.99	127	627996	41.60	ng		97
34) Hexachlorobutadiene	8.06	225	287906	39.26	ng		99
35) Caprolactam	8.38	113	143907	39.75	ng	#	75
36) 4-Chloro-3-methylphenol	8.49	107	492228	37.61	ng		92
37) 2-Methylnaphthalene	8.62	142	924880	36.62	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	459214	39.96	ng		99
40) Hexachlorocyclopentadiene	8.78	237	236200	36.15	ng		99

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Quant Time: Nov 24 15:25:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 15:18:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	317869	38.62	ng		96
43) 2,4,5-Trichlorophenol	8.95	196	319213	37.93	ng	#	80
45) 1,1'-Biphenyl	9.08	154	1185106	39.27	ng		96
46) 2-Chloronaphthalene	9.11	162	949179	40.04	ng		97
47) 2-Nitroaniline	9.21	65	361022	43.06	ng		96
48) Acenaphthylene	9.52	152	1526263	41.55	ng		99
49) Dimethylphthalate	9.39	163	1052753	38.57	ng		100
50) 2,6-Dinitrotoluene	9.45	165	220843	36.06	ng		92
51) Acenaphthene	9.69	154	874090	39.10	ng		100
52) 3-Nitroaniline	9.62	138	255417	39.11	ng	#	63
53) 2,4-Dinitrophenol	9.72	184	119351	33.82	ng	#	84
54) Dibenzofuran	9.86	168	1289248	40.78	ng		99
55) 4-Nitrophenol	9.82	139	197759	39.49	ng	#	76
56) 2,4-Dinitrotoluene	9.85	165	295057	38.02	ng		94
57) Fluorene	10.20	166	1044465	39.98	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	275523	39.91	ng		98
59) Diethylphthalate	10.09	149	1015780	37.38	ng		96
60) 4-Chlorophenyl-phenylether	10.20	204	440550	36.82	ng	#	76
61) 4-Nitroaniline	10.24	138	275818	42.90	ng		92
62) Azobenzene	10.35	77	1229611	39.65	ng		96
64) 4,6-Dinitro-2-methylphenol	10.26	198	178376	38.84	ng	#	77
65) n-Nitrosodiphenylamine	10.32	169	860896	37.98	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	293284	39.65	ng		91
67) Hexachlorobenzene	10.75	284	318241	39.07	ng	#	79
68) Atrazine	10.86	200	266895	40.54	ng		99
69) Pentachlorophenol	10.95	266	183723	34.63	ng		99
70) Phenanthrene	11.15	178	1423961	37.08	ng		99
71) Anthracene	11.21	178	1577953	40.27	ng		99
72) Carbazole	11.37	167	1393083	40.00	ng		99
73) Di-n-butylphthalate	11.71	149	1699380	39.98	ng		99
74) Fluoranthene	12.34	202	1563928	39.79	ng		95
76) Benzidine	12.47	184	582788	44.15	ng		98
77) Pyrene	12.56	202	1488513	43.26	ng		99
79) Butylbenzylphthalate	13.20	149	650472	39.94	ng		95
80) Benzo(a)anthracene	13.75	228	1232438	39.57	ng		100
81) 3,3'-Dichlorobenzidine	13.73	252	431124	39.77	ng	#	98
82) Chrysene	13.79	228	1143094	39.57	ng		97
83) Bis(2-ethylhexyl)phthalate	13.77	149	786254	36.97	ng	#	94
84) Di-n-octyl phthalate	14.38	149	1114246	30.43	ng		95
85) Indeno(1,2,3-cd)pyrene	16.37	276	1025688	39.04	ng		97
87) Benzo(b)fluoranthene	14.75	252	952222m	36.99	ng		
88) Benzo(k)fluoranthene	14.78	252	792258m	41.31	ng		
89) Benzo(a)pyrene	15.06	252	821142	38.64	ng	#	95
90) Dibenzo(a,h)anthracene	16.39	278	857707	44.43	ng		99
91) Benzo(g,h,i)perylene	16.74	276	875412	46.45	ng		96

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

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