Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082626.D
Acq On : 31 Oct 2015 17:30
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
11/2/2015 4:32:39 PM

Quant Time: Nov 02 04:54:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	243690	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	880287	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	437995	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	831227	20.00	ng		0.00
75) Chrysene-d12	14.08	240	594210	20.00	ng		0.00
86) Perylene-d12	15.53	264	498415	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1163317	71.90	ng		0.00
7) Phenol-d6	6.53	99	1683922	78.34	ng		0.00
23) Nitrobenzene-d5	7.47	82	1596378	74.05	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	355547	74.17	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	2175198	70.51	ng		0.00
78) Terphenyl-d14	13.02	244	2141585	78.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	287423	38.43	ng		96
3) Pyridine	3.28	79	861989	39.31	ng		98
4) n-Nitrosodimethylamine	3.22	42	442833	35.87	ng		95
6) Aniline	6.57	93	1107672	37.01	ng		98
8) 2-Chlorophenol	6.69	128	707121	40.39	ng		93
9) Benzaldehyde	6.45	77	532971	36.32	ng		83
10) Phenol	6.56	94	977008	40.11	ng		92
11) bis(2-Chloroethyl)ether	6.65	93	721747	40.17	ng	#	83
12) 1,3-Dichlorobenzene	6.85	146	760003m	38.07	ng		
13) 1,4-Dichlorobenzene	6.92	146	741520	37.45	ng		99
14) 1,2-Dichlorobenzene	7.08	146	778208	42.35	ng		98
15) Benzyl Alcohol	7.05	79	684443	34.15	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1065269	37.30	ng		93
17) 2-Methylphenol	7.16	107	540734	36.33	ng		97
18) Hexachloroethane	7.42	117	291883	37.78	ng		98
19) n-Nitroso-di-n-propylamine	7.33	70	624475	38.33	ng		89
20) 3+4-Methylphenols	7.32	107	766115	39.60	ng	#	85
22) Acetophenone	7.32	105	1051362	40.57	ng	#	88
24) Nitrobenzene	7.49	77	920100	42.23	ng		91
25) Isophorone	7.73	82	1462866	36.89	ng		99
26) 2-Nitrophenol	7.81	139	355247	44.63	ng	#	61
27) 2,4-Dimethylphenol	7.85	122	560177	36.05	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	896937	41.35	ng		98
29) 2,4-Dichlorophenol	8.05	162	599274	42.31	ng		92
30) 1,2,4-Trichlorobenzene	8.13	180	616115	39.20	ng		99
31) Naphthalene	8.22	128	1790369	37.59	ng		99
32) Benzoic acid	7.97	122	471357	41.82	ng		97
33) 4-Chloroaniline	8.26	127	727570	35.78	ng		98
34) Hexachlorobutadiene	8.34	225	384596	38.47	ng		97
35) Caprolactam	8.65	113	158801	36.55	ng		96
36) 4-Chloro-3-methylphenol	8.75	107	683753	41.00	ng	#	85
37) 2-Methylnaphthalene	8.91	142	1231660	39.90	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	643486	44.03	ng		99
40) Hexachlorocyclopentadiene	9.07	237	290633	31.63	ng		100

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Quant Time: Nov 02 04:54:30 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	412485	39.09	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	427530	40.66	ng	#	77
45) 1,1'-Biphenyl	9.38	154	1621208	43.82	ng		99
46) 2-Chloronaphthalene	9.40	162	1249254	43.24	ng		99
47) 2-Nitroaniline	9.49	65	480139	42.76	ng	#	62
48) Acenaphthylene	9.81	152	1723288	37.29	ng		100
49) Dimethylphthalate	9.68	163	1261122	35.26	ng		100
50) 2,6-Dinitrotoluene	9.73	165	293683	39.61	ng		91
51) Acenaphthene	9.98	154	1061137	36.17	ng		100
52) 3-Nitroaniline	9.90	138	378027	45.83	ng	#	77
53) 2,4-Dinitrophenol	10.00	184	133328	37.62	ng	#	45
54) Dibenzofuran	10.16	168	1415434	35.56	ng		99
55) 4-Nitrophenol	10.05	139	231762	37.34	ng	#	76
56) 2,4-Dinitrotoluene	10.13	165	377764	37.68	ng		94
57) Fluorene	10.50	166	1142975	35.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	320841	36.10	ng		96
59) Diethylphthalate	10.38	149	1426484	39.17	ng		97
60) 4-Chlorophenyl-phenylether	10.50	204	632840	40.55	ng		95
61) 4-Nitroaniline	10.52	138	355203	45.12	ng	#	76
62) Azobenzene	10.66	77	1612117	39.26	ng		96
64) 4,6-Dinitro-2-methylphenol	10.54	198	218928	43.67	ng	#	71
65) n-Nitrosodiphenylamine	10.61	169	1152113	40.32	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	368222	39.09	ng	#	62
67) Hexachlorobenzene	11.05	284	401985	38.49	ng		93
68) Atrazine	11.14	200	328097	35.09	ng		98
69) Pentachlorophenol	11.24	266	297372	43.18	ng		99
70) Phenanthrene	11.46	178	1651276	35.22	ng		100
71) Anthracene	11.52	178	1996457	42.29	ng		99
72) Carbazole	11.66	167	1684927	40.98	ng		99
73) Di-n-butylphthalate	12.01	149	2228197	42.57	ng		99
74) Fluoranthene	12.65	202	1740696	36.32	ng		100
76) Benzidine	12.77	184	1093458	40.80	ng		99
77) Pyrene	12.88	202	1701606	38.67	ng		99
79) Butylbenzylphthalate	13.51	149	941971	48.88	ng		88
80) Benzo(a)anthracene	14.07	228	1480312	39.22	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	561158	43.14	ng	#	98
82) Chrysene	14.11	228	1390719	40.65	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	1145311	45.84	ng	#	97
84) Di-n-octyl phthalate	14.68	149	1771782	45.47	ng		98
85) Indeno(1,2,3-cd)pyrene	16.97	276	1341187	47.50	ng		99
87) Benzo(b)fluoranthene	15.12	252	1323628	38.51	ng		99
88) Benzo(k)fluoranthene	15.14	252	1022260m	39.04	ng		
89) Benzo(a)pyrene	15.47	252	1069873	39.53	ng		99
90) Dibenzo(a,h)anthracene	16.99	278	1145538	45.36	ng		98
91) Benzo(g,h,i)perylene	17.40	276	1079775	44.12	ng		100

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

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