Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082468.D
Acq On : 23 Oct 2015 2:17
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mmdadoda
10/23/2015 4:45:39 PM

Quant Time: Oct 23 04:17:48 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 13:20:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	172264	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	609328	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	282300	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	457145	20.00	ng		0.00
75) Chrysene-d12	13.96	240	390983	20.00	ng		-0.06
86) Perylene-d12	15.42	264	309040	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	662414	77.61	ng		0.00
7) Phenol-d6	6.43	99	826976	74.45	ng		0.01
23) Nitrobenzene-d5	7.35	82	733021	80.79	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	149760	56.57	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1374879	80.77	ng		0.00
78) Terphenyl-d14	12.89	244	1012578	68.63	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	157430	36.71	ng		99
3) Pyridine	2.97	79	424358	42.55	ng		99
4) n-Nitrosodimethylamine	2.96	42	178204	42.13	ng		94
6) Aniline	6.43	93	519727	36.29	ng	#	77
8) 2-Chlorophenol	6.56	128	401144	38.50	ng		91
9) Benzaldehyde	6.32	77	245859	43.34	ng		94
10) Phenol	6.45	94	505204	39.45	ng		96
11) bis(2-Chloroethyl)ether	6.51	93	371158	34.27	ng		98
12) 1,3-Dichlorobenzene	6.71	146	474939	39.14	ng		96
13) 1,4-Dichlorobenzene	6.79	146	482515	38.08	ng		97
14) 1,2-Dichlorobenzene	6.94	146	394136	32.75	ng		98
15) Benzyl Alcohol	6.93	79	282870	36.89	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	461857	30.63	ng	#	21
17) 2-Methylphenol	7.05	107	317961	38.59	ng	#	91
18) Hexachloroethane	7.27	117	93364	21.52	ng	#	89
19) n-Nitroso-di-n-propylamine	7.20	70	256695	32.91	ng	#	92
20) 3+4-Methylphenols	7.21	107	398767	40.61	ng	#	56
22) Acetophenone	7.19	105	523966	43.47	ng	#	88
24) Nitrobenzene	7.37	77	417912	42.55	ng	#	82
25) Isophorone	7.61	82	742914	40.57	ng		94
26) 2-Nitrophenol	7.68	139	180261	36.76	ng		97
27) 2,4-Dimethylphenol	7.73	122	306286	38.77	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	442918	41.57	ng		99
29) 2,4-Dichlorophenol	7.93	162	334205	42.31	ng		99
30) 1,2,4-Trichlorobenzene	8.00	180	359617	39.50	ng		99
31) Naphthalene	8.08	128	953607	36.10	ng		99
32) Benzoic acid	7.89	122	157901	29.78	ng		98
33) 4-Chloroaniline	8.14	127	409746	37.35	ng		95
34) Hexachlorobutadiene	8.19	225	219736	38.74	ng		98
35) Caprolactam	8.55	113	95946	41.86	ng		92
36) 4-Chloro-3-methylphenol	8.64	107	332014	42.99	ng		95
37) 2-Methylnaphthalene	8.78	142	721835	39.42	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	317563	37.82	ng		99
40) Hexachlorocyclopentadiene	8.91	237	3371	9.02	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	228218	40.92	ng		99
43) 2,4,5-Trichlorophenol	9.11	196	228862	37.88	ng	#	95
45) 1,1'-Biphenyl	9.25	154	877074	40.74	ng		96
46) 2-Chloronaphthalene	9.27	162	683870	40.36	ng		96
47) 2-Nitroaniline	9.37	65	201702	43.35	ng		90
48) Acenaphthylene	9.68	152	986563	37.37	ng		100
49) Dimethylphthalate	9.55	163	827627	41.63	ng		98
50) 2,6-Dinitrotoluene	9.61	165	135493	32.30	ng	#	67
51) Acenaphthene	9.85	154	552659	34.87	ng		99
52) 3-Nitroaniline	9.79	138	214486	45.27	ng		86
53) 2,4-Dinitrophenol	9.90	184	7706	9.42	ng	#	71
54) Dibenzofuran	10.02	168	790781	36.34	ng		100
55) 4-Nitrophenol	9.97	139	93614	36.35	ng		89
56) 2,4-Dinitrotoluene	10.02	165	168229	32.09	ng		92
57) Fluorene	10.37	166	630233	35.27	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	168873	34.21	ng		97
59) Diethylphthalate	10.24	149	739512	39.91	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	286234	34.97	ng		99
61) 4-Nitroaniline	10.41	138	208432	45.35	ng		92
62) Azobenzene	10.51	77	603821	33.30	ng		100
64) 4,6-Dinitro-2-methylphenol	10.43	198	14726	5.74	ng		98
65) n-Nitrosodiphenylamine	10.48	169	538772	39.36	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	171225	37.43	ng		93
67) Hexachlorobenzene	10.91	284	187751	37.95	ng	#	87
68) Atrazine	11.02	200	112558	25.96	ng		93
69) Pentachlorophenol	11.11	266	91918	36.10	ng		98
70) Phenanthrene	11.33	178	818360	36.52	ng		100
71) Anthracene	11.38	178	939628	40.69	ng		99
72) Carbazole	11.54	167	822859	39.06	ng		98
73) Di-n-butylphthalate	11.86	149	993734	38.24	ng		100
74) Fluoranthene	12.52	202	849319	35.29	ng		97
76) Benzidine	12.65	184	523697	46.22	ng		99
77) Pyrene	12.74	202	851424	36.69	ng		100
79) Butylbenzylphthalate	13.37	149	459584	43.40	ng		89
80) Benzo(a)anthracene	13.94	228	825249	40.57	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	336780	43.61	ng	#	96
82) Chrysene	13.99	228	831271	38.78	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	580371	38.42	ng	#	98
84) Di-n-octyl phthalate	14.57	149	1028891	39.66	ng		99
85) Indeno(1,2,3-cd)pyrene	16.81	276	591443	34.71	ng		98
87) Benzo(b)fluoranthene	15.01	252	853639m	45.40	ng		
88) Benzo(k)fluoranthene	15.04	252	515270m	32.60	ng		
89) Benzo(a)pyrene	15.36	252	619887	38.36	ng		97
90) Dibenzo(a,h)anthracene	16.82	278	490973	37.08	ng		99
91) Benzo(g,h,i)perylene	17.22	276	469737	36.52	ng		98

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

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