Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082829.D
Acq On : 8 Nov 2015 8:25
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:08:50 PM

Quant Time: Nov 09 03:05:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	206516	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	725182	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	345235	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	525005	20.00	ng		0.00
75) Chrysene-d12	14.01	240	400812	20.00	ng		-0.01
86) Perylene-d12	15.44	264	416053	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	974747	73.44	ng		0.00
7) Phenol-d6	6.49	99	1296906	73.50	ng		0.01
23) Nitrobenzene-d5	7.41	82	1307443	78.45	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	246518	62.28	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1838467	76.32	ng		0.00
78) Terphenyl-d14	12.96	244	1245578	73.71	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	238886	41.71	ng		95
3) Pyridine	3.15	79	714478	42.99	ng		97
4) n-Nitrosodimethylamine	3.10	42	320516	38.89	ng	#	77
6) Aniline	6.51	93	878728	35.47	ng	#	76
8) 2-Chlorophenol	6.64	128	537519	36.53	ng		84
9) Benzaldehyde	6.40	77	400996	41.14	ng		85
10) Phenol	6.51	94	690197	34.47	ng	#	54
11) bis(2-Chloroethyl)ether	6.59	93	592777	39.59	ng		88
12) 1,3-Dichlorobenzene	6.80	146	661007m	39.83	ng		
13) 1,4-Dichlorobenzene	6.86	146	597840	34.63	ng		99
14) 1,2-Dichlorobenzene	7.02	146	594436	37.86	ng		97
15) Benzyl Alcohol	7.00	79	540303	34.87	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	7.14	45	888228	40.44	ng		96
17) 2-Methylphenol	7.12	107	489500	39.28	ng		96
18) Hexachloroethane	7.37	117	206853	33.50	ng		99
19) n-Nitroso-di-n-propylamine	7.28	70	487732	37.60	ng	#	85
20) 3+4-Methylphenols	7.26	107	558478	34.47	ng	#	70
22) Acetophenone	7.26	105	797870	38.40	ng	#	92
24) Nitrobenzene	7.44	77	659366	38.69	ng		91
25) Isophorone	7.68	82	1136257	36.85	ng		98
26) 2-Nitrophenol	7.76	139	271543	38.17	ng	#	63
27) 2,4-Dimethylphenol	7.80	122	532353	41.65	ng		92
28) bis(2-Chloroethoxy)methane	7.89	93	738773	42.47	ng		98
29) 2,4-Dichlorophenol	8.00	162	419551	36.32	ng		86
30) 1,2,4-Trichlorobenzene	8.09	180	500162	38.50	ng	#	92
31) Naphthalene	8.17	128	1426068	35.64	ng		98
32) Benzoic acid	7.90	122	297539	34.00	ng		86
33) 4-Chloroaniline	8.21	127	669001	38.80	ng	#	83
34) Hexachlorobutadiene	8.28	225	299672	36.86	ng		98
35) Caprolactam	8.58	113	128935	35.40	ng	#	84
36) 4-Chloro-3-methylphenol	8.69	107	462320	34.03	ng		94
37) 2-Methylnaphthalene	8.85	142	966100	37.33	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	475854	41.94	ng		97
40) Hexachlorocyclopentadiene	9.01	237	68576	11.25	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	300915	35.53	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	316780	37.82	ng	#	88
45) 1,1'-Biphenyl	9.32	154	1231439	41.57	ng		98
46) 2-Chloronaphthalene	9.34	162	952258	41.21	ng		97
47) 2-Nitroaniline	9.44	65	363391	42.39	ng	#	65
48) Acenaphthylene	9.76	152	1441644	39.81	ng		99
49) Dimethylphthalate	9.62	163	1018940	36.02	ng		100
50) 2,6-Dinitrotoluene	9.68	165	230059	38.12	ng		93
51) Acenaphthene	9.93	154	829731	36.15	ng		99
52) 3-Nitroaniline	9.85	138	276884	41.71	ng	#	63
53) 2,4-Dinitrophenol	9.94	184	13526	4.08	ng	#	19
54) Dibenzofuran	10.10	168	1207813	39.03	ng		92
55) 4-Nitrophenol	10.01	139	165424	32.49	ng	#	83
56) 2,4-Dinitrotoluene	10.08	165	281417	34.37	ng		95
57) Fluorene	10.44	166	947194	37.80	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	205942	30.13	ng	#	91
59) Diethylphthalate	10.32	149	994626	36.01	ng		100
60) 4-Chlorophenyl-phenylether	10.43	204	415398	33.13	ng	#	83
61) 4-Nitroaniline	10.45	138	244064	36.56	ng	#	80
62) Azobenzene	10.59	77	990304	33.38	ng		90
64) 4,6-Dinitro-2-methylphenol	10.49	198	27802	7.43	ng		89
65) n-Nitrosodiphenylamine	10.56	169	835740	44.06	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	260906	41.27	ng	#	80
67) Hexachlorobenzene	10.99	284	272231	38.57	ng	#	77
68) Atrazine	11.08	200	255747	43.61	ng		94
69) Pentachlorophenol	11.18	266	145201	33.87	ng		98
70) Phenanthrene	11.40	178	1254037	41.13	ng		98
71) Anthracene	11.45	178	1142019	35.56	ng		98
72) Carbazole	11.61	167	1062915	37.81	ng		96
73) Di-n-butylphthalate	11.94	149	1376251	39.29	ng		99
74) Fluoranthene	12.58	202	1061234	32.44	ng		97
76) Benzidine	12.71	184	569181	42.37	ng		99
77) Pyrene	12.81	202	1034617	37.59	ng		98
79) Butylbenzylphthalate	13.44	149	516281	42.46	ng		94
80) Benzo(a)anthracene	14.00	228	1004626	40.08	ng		100
81) 3,3'-Dichlorobenzidine	13.96	252	375544	42.15	ng		96
82) Chrysene	14.04	228	969510	42.23	ng		97
83) Bis(2-ethylhexyl)phthalate	14.01	149	662092	39.78	ng	#	96
84) Di-n-octyl phthalate	14.61	149	1175469	42.34	ng		97
85) Indeno(1,2,3-cd)pyrene	16.83	276	938467	47.47	ng		97
87) Benzo(b)fluoranthene	15.04	252	1089637	40.80	ng		99
88) Benzo(k)fluoranthene	15.06	252	826716m	34.90	ng		
89) Benzo(a)pyrene	15.38	252	891505	38.53	ng	#	98
90) Dibenzo(a,h)anthracene	16.85	278	792674	40.46	ng		99
91) Benzo(g,h,i)perylene	17.25	276	727460	38.76	ng		96

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

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