Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
Data File : BF090813.D
Acq On : 25 Oct 2016 17:57
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
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10/26/2016 4:45:41 PM

Quant Time: Oct 26 11:31:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 17:09:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	222491	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	908568	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	516809	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	808895	20.00	ng		0.01
75) Chrysene-d12	13.97	240	554023	20.00	ng		0.01
86) Perylene-d12	15.38	264	448099	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	970532	70.35	ng		0.00
7) Phenol-d6	6.44	99	1266224	67.76	ng		0.00
23) Nitrobenzene-d5	7.37	82	1118289	67.51	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	395409	96.66	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	2198656	66.04	ng		0.00
78) Terphenyl-d14	12.92	244	2177896	90.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	261630	32.77	ng	#	78
3) Pyridine	3.06	79	708178	37.86	ng	#	75
4) n-Nitrosodimethylamine	3.01	42	222999	34.84	ng	#	68
6) Aniline	6.46	93	746525	35.24	ng	#	67
8) 2-Chlorophenol	6.59	128	579253	34.98	ng		93
9) Benzaldehyde	6.34	77	321739	31.49	ng	#	73
10) Phenol	6.45	94	644181	30.67	ng	#	41
11) bis(2-Chloroethyl)ether	6.54	93	594862	33.70	ng		85
12) 1,3-Dichlorobenzene	6.74	146	625504	37.60	ng	#	92
13) 1,4-Dichlorobenzene	6.82	146	680667	38.58	ng	#	93
14) 1,2-Dichlorobenzene	6.97	146	565959m	32.76	ng		
15) Benzyl Alcohol	6.94	79	449788	35.44	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.08	45	606717	22.95	ng		60
17) 2-Methylphenol	7.07	107	463132	37.12	ng	#	85
18) Hexachloroethane	7.31	117	220980	30.85	ng	#	88
19) n-Nitroso-di-n-propylamine	7.23	70	402815	28.95	ng	#	67
20) 3+4-Methylphenols	7.22	107	532018	35.97	ng	#	45
22) Acetophenone	7.22	105	713703	35.25	ng	#	86
24) Nitrobenzene	7.39	77	616725	34.34	ng	#	73
25) Isophorone	7.63	82	1057779	33.73	ng	#	89
26) 2-Nitrophenol	7.71	139	334549	45.60	ng	#	91
27) 2,4-Dimethylphenol	7.76	122	509761	39.19	ng		86
28) bis(2-Chloroethoxy)methane	7.85	93	639616	37.28	ng	#	94
29) 2,4-Dichlorophenol	7.95	162	458271	42.92	ng		94
30) 1,2,4-Trichlorobenzene	8.03	180	515724	41.05	ng		97
31) Naphthalene	8.11	128	1571775	35.37	ng		96
32) Benzoic acid	7.90	122	376593	42.16	ng		80
33) 4-Chloroaniline	8.17	127	715699	43.42	ng	#	96
34) Hexachlorobutadiene	8.24	225	305207	43.20	ng		99
35) Caprolactam	8.56	113	151079	49.55	ng	#	74
36) 4-Chloro-3-methylphenol	8.66	107	481499	38.78	ng		100
37) 2-Methylnaphthalene	8.81	142	1062610	40.91	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	495340	35.50	ng		98
40) Hexachlorocyclopentadiene	8.96	237	202040	30.84	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	330534	38.19	ng		100
43) 2,4,5-Trichlorophenol	9.13	196	364978	41.56	ng		97
45) 1,1'-Biphenyl	9.26	154	1310813	32.30	ng		92
46) 2-Chloronaphthalene	9.30	162	1002332	33.23	ng		96
47) 2-Nitroaniline	9.39	65	296032	29.56	ng	#	78
48) Acenaphthylene	9.71	152	1671067	36.30	ng		96
49) Dimethylphthalate	9.57	163	1132809	34.88	ng	#	97
50) 2,6-Dinitrotoluene	9.64	165	288295	41.28	ng	#	86
51) Acenaphthene	9.88	154	1071639	35.07	ng		88
52) 3-Nitroaniline	9.80	138	288354	35.92	ng	#	60
53) 2,4-Dinitrophenol	9.92	184	117744	39.99	ng	#	82
54) Dibenzofuran	10.05	168	1462496	39.51	ng	#	90
55) 4-Nitrophenol	9.97	139	179060	39.55	ng	#	75
56) 2,4-Dinitrotoluene	10.04	165	389327	45.61	ng	#	97
57) Fluorene	10.40	166	1209355	39.42	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.17	232	283959	41.20	ng		97
59) Diethylphthalate	10.27	149	1173509	34.84	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	529042	37.74	ng	#	87
61) 4-Nitroaniline	10.42	138	311482	38.31	ng	#	50
62) Azobenzene	10.54	77	1189036	30.15	ng		85
64) 4,6-Dinitro-2-methylphenol	10.45	198	202482	39.98	ng	#	58
65) n-Nitrosodiphenylamine	10.51	169	995777	38.42	ng		89
66) 4-Bromophenyl-phenylether	10.88	248	349679	44.59	ng		98
67) Hexachlorobenzene	10.94	284	433400	46.84	ng	#	79
68) Atrazine	11.04	200	273289	38.21	ng		86
69) Pentachlorophenol	11.14	266	213272	44.31	ng		98
70) Phenanthrene	11.36	178	1632768	39.60	ng		95
71) Anthracene	11.40	178	1537612	33.63	ng		97
72) Carbazole	11.56	167	1449232	37.91	ng		94
73) Di-n-butylphthalate	11.89	149	1734100	34.97	ng	#	97
74) Fluoranthene	12.55	202	1647528	41.31	ng		88
76) Benzidine	12.67	184	475164	38.63	ng		96
77) Pyrene	12.77	202	1593947	41.19	ng		96
79) Butylbenzylphthalate	13.39	149	722298	40.61	ng	#	81
80) Benzo(a)anthracene	13.96	228	1135356	37.45	ng		96
81) 3,3'-Dichlorobenzidine	13.93	252	479870	45.68	ng	#	92
82) Chrysene	14.00	228	1277518	43.17	ng		94
83) Bis(2-ethylhexyl)phthalate	13.96	149	1002183	39.38	ng	#	98
84) Di-n-octyl phthalate	14.57	149	1534327	39.73	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.76	276	1016463	39.37	ng	#	91
87) Benzo(b)fluoranthene	14.98	252	1275868m	46.31	ng		
88) Benzo(k)fluoranthene	15.01	252	821358m	29.66	ng		
89) Benzo(a)pyrene	15.32	252	960651	37.16	ng	#	91
90) Dibenzo(a,h)anthracene	16.77	278	888750	35.81	ng	#	83
91) Benzo(g,h,i)perylene	17.17	276	816532	33.92	ng	#	79

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

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