Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086421.D
Acq On : 27 Apr 2016 13:48
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF042716

Manual Integrations APPROVED
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4/28/2016 1:40:02 PM

Quant Time: Apr 27 14:25:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	131325	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	559433	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	271672	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	483286	20.00	ng		0.00
75) Chrysene-d12	13.96	240	356921	20.00	ng		0.00
86) Perylene-d12	15.36	264	285362	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	638115	83.81	ng		0.00
7) Phenol-d6	6.44	99	843929	79.42	ng		0.00
23) Nitrobenzene-d5	7.38	82	866178	83.46	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	239008	83.42	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1336082	86.37	ng		0.00
78) Terphenyl-d14	12.91	244	1274542	78.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	152912	38.23	ng	#	77
3) Pyridine	3.06	79	383562	40.52	ng	#	77
4) n-Nitrosodimethylamine	3.01	42	225219	41.75	ng	#	63
6) Aniline	6.46	93	532990	41.45	ng		96
8) 2-Chlorophenol	6.59	128	374319	39.47	ng		99
9) Benzaldehyde	6.35	77	234635	37.95	ng		95
10) Phenol	6.45	94	501610	42.31	ng		82
11) bis(2-Chloroethyl)ether	6.54	93	420038	40.98	ng		91
12) 1,3-Dichlorobenzene	6.74	146	380390m	37.29	ng		
13) 1,4-Dichlorobenzene	6.82	146	401541	38.15	ng		93
14) 1,2-Dichlorobenzene	6.98	146	380551	39.43	ng		97
15) Benzyl Alcohol	6.96	79	278404	41.41	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	809626	39.47	ng		89
17) 2-Methylphenol	7.07	107	304019	39.66	ng		97
18) Hexachloroethane	7.32	117	153149	38.94	ng	#	83
19) n-Nitroso-di-n-propylamine	7.23	70	293265	41.75	ng	#	78
20) 3+4-Methylphenols	7.22	107	334107	38.18	ng		91
22) Acetophenone	7.22	105	477840	38.95	ng	#	88
24) Nitrobenzene	7.39	77	409026	38.31	ng		98
25) Isophorone	7.63	82	756713	37.88	ng		99
26) 2-Nitrophenol	7.71	139	205684	41.84	ng		92
27) 2,4-Dimethylphenol	7.76	122	348395	40.39	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	438353	40.28	ng		99
29) 2,4-Dichlorophenol	7.95	162	297046	40.82	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	318556	37.73	ng		95
31) Naphthalene	8.11	128	997470	35.04	ng		99
32) Benzoic acid	7.88	122	172988	35.84	ng		88
33) 4-Chloroaniline	8.17	127	443065	41.56	ng		98
34) Hexachlorobutadiene	8.24	225	188018	39.73	ng		98
35) Caprolactam	8.54	113	89843	37.01	ng	#	54
36) 4-Chloro-3-methylphenol	8.65	107	325843	39.11	ng		92
37) 2-Methylnaphthalene	8.81	142	694642	41.35	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	278740	35.84	ng		99
40) Hexachlorocyclopentadiene	8.96	237	152437	39.45	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	193395	39.34	ng		95
43) 2,4,5-Trichlorophenol	9.13	196	208218	38.86	ng		96
45) 1,1'-Biphenyl	9.28	154	834866	36.77	ng		99
46) 2-Chloronaphthalene	9.30	162	665786	38.56	ng		97
47) 2-Nitroaniline	9.39	65	235828	42.59	ng		85
48) Acenaphthylene	9.71	152	1054047	39.06	ng		99
49) Dimethylphthalate	9.57	163	725399	35.47	ng		99
50) 2,6-Dinitrotoluene	9.63	165	162456	38.45	ng	#	79
51) Acenaphthene	9.88	154	711175	41.03	ng		98
52) 3-Nitroaniline	9.80	138	194731	40.52	ng		90
53) 2,4-Dinitrophenol	9.90	184	81177	39.53	ng	#	84
54) Dibenzofuran	10.05	168	849668	39.22	ng		99
55) 4-Nitrophenol	9.96	139	128266	40.77	ng	#	77
56) 2,4-Dinitrotoluene	10.04	165	216022	40.11	ng	#	79
57) Fluorene	10.40	166	701080	37.27	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	170190	40.63	ng		98
59) Diethylphthalate	10.27	149	704810	36.40	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	311992	36.53	ng		94
61) 4-Nitroaniline	10.42	138	194761	41.46	ng		87
62) Azobenzene	10.54	77	821071	38.72	ng		91
64) 4,6-Dinitro-2-methylphenol	10.44	198	115881	40.84	ng	#	62
65) n-Nitrosodiphenylamine	10.51	169	605661	40.10	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	208525	41.87	ng	#	89
67) Hexachlorobenzene	10.93	284	220290	38.22	ng	#	68
68) Atrazine	11.04	200	198201	43.70	ng		96
69) Pentachlorophenol	11.13	266	124544	40.98	ng		98
70) Phenanthrene	11.35	178	973175	38.37	ng		100
71) Anthracene	11.40	178	1083687	40.04	ng		100
72) Carbazole	11.56	167	938438	39.12	ng		99
73) Di-n-butylphthalate	11.89	149	1141407	42.00	ng		99
74) Fluoranthene	12.53	202	1032359	40.32	ng		97
76) Benzidine	12.66	184	483507	39.42	ng		98
77) Pyrene	12.76	202	1053739	40.97	ng		100
79) Butylbenzylphthalate	13.38	149	440877	39.58	ng	#	61
80) Benzo(a)anthracene	13.95	228	725839	38.14	ng		98
81) 3,3'-Dichlorobenzidine	13.92	252	512391	40.28	ng	#	96
82) Chrysene	13.99	228	854947	41.33	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	559455	40.46	ng	#	99
84) Di-n-octyl phthalate	14.56	149	937398	43.29	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.72	276	611046	39.87	ng		97
87) Benzo(b)fluoranthene	14.97	252	718891m	42.82	ng		
88) Benzo(k)fluoranthene	14.99	252	611643m	34.93	ng		
89) Benzo(a)pyrene	15.30	252	599244	37.81	ng	#	96
90) Dibenzo(a,h)anthracene	16.74	278	513045	39.55	ng	#	95
91) Benzo(g,h,i)perylene	17.13	276	508618	39.13	ng	#	92

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

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