Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084627.D
Acq On : 29 Jan 2016 10:34
Operator : SJ/IZ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Manual Integrations APPROVED
mohammad
2/1/2016 2:23:37 PM

Quant Time: Jan 29 11:18:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 10:50:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	135820	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	654287	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	297343	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	527540	20.00	ng		0.00
75) Chrysene-d12	13.87	240	348974	20.00	ng		0.00
86) Perylene-d12	15.25	264	305595	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	643382	76.62	ng		0.00
7) Phenol-d6	6.37	99	782589	74.21	ng		0.00
23) Nitrobenzene-d5	7.30	82	954613	81.20	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	262698	87.51	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1521428	77.71	ng		0.00
78) Terphenyl-d14	12.83	244	1392651	89.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	173320	43.57	ng	#	73
3) Pyridine	2.91	79	474927	42.82	ng	#	74
4) n-Nitrosodimethylamine	2.85	42	241153	42.36	ng	#	80
6) Aniline	6.38	93	507723	32.91	ng	#	44
8) 2-Chlorophenol	6.51	128	391401	41.08	ng		94
9) Benzaldehyde	6.27	77	230659	33.59	ng		98
10) Phenol	6.38	94	449684	37.50	ng	#	68
11) bis(2-Chloroethyl)ether	6.46	93	331892	35.73	ng	#	80
12) 1,3-Dichlorobenzene	6.66	146	386395m	39.32	ng		
13) 1,4-Dichlorobenzene	6.74	146	419861	42.60	ng		98
14) 1,2-Dichlorobenzene	6.90	146	488921	51.80	ng		97
15) Benzyl Alcohol	6.88	79	349926	39.44	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.01	45	721934	42.68	ng		85
17) 2-Methylphenol	7.00	107	367992	46.09	ng		94
18) Hexachloroethane	7.24	117	197837	50.20	ng	#	90
19) n-Nitroso-di-n-propylamine	7.15	70	301503	42.23	ng	#	75
20) 3+4-Methylphenols	7.15	107	436991	46.56	ng	#	68
22) Acetophenone	7.14	105	653893	41.56	ng	#	96
24) Nitrobenzene	7.31	77	442951	37.15	ng		91
25) Isophorone	7.56	82	885495	39.38	ng		95
26) 2-Nitrophenol	7.63	139	233440	43.02	ng	#	82
27) 2,4-Dimethylphenol	7.68	122	366387	33.36	ng		97
28) bis(2-Chloroethoxy)methane	7.78	93	501511	36.52	ng	#	97
29) 2,4-Dichlorophenol	7.88	162	371520	40.60	ng		93
30) 1,2,4-Trichlorobenzene	7.96	180	401986	42.56	ng	#	92
31) Naphthalene	8.03	128	1193238	40.20	ng		98
32) Benzoic acid	7.81	122	320964	49.52	ng		93
33) 4-Chloroaniline	8.09	127	485353	35.66	ng		97
34) Hexachlorobutadiene	8.16	225	243340	44.81	ng		99
35) Caprolactam	8.46	113	100758	32.67	ng	#	42
36) 4-Chloro-3-methylphenol	8.58	107	400477	39.07	ng		94
37) 2-Methylnaphthalene	8.73	142	834644	39.17	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	362320	42.39	ng		100
40) Hexachlorocyclopentadiene	8.88	237	179959	34.87	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	242004	37.84	ng		94
43) 2,4,5-Trichlorophenol	9.05	196	252903	41.25	ng	#	88
45) 1,1'-Biphenyl	9.20	154	1113770	47.13	ng		95
46) 2-Chloronaphthalene	9.22	162	788437	42.47	ng	#	86
47) 2-Nitroaniline	9.31	65	219912	35.89	ng		99
48) Acenaphthylene	9.63	152	1230624	44.87	ng		99
49) Dimethylphthalate	9.50	163	872328	41.04	ng	#	90
50) 2,6-Dinitrotoluene	9.56	165	207895	44.59	ng		98
51) Acenaphthene	9.80	154	852285	46.33	ng		97
52) 3-Nitroaniline	9.72	138	191902	33.22	ng		96
53) 2,4-Dinitrophenol	9.82	184	102765	74.24	ng	#	63
54) Dibenzofuran	9.97	168	990690	36.77	ng		100
55) 4-Nitrophenol	9.89	139	149477	35.65	ng	#	75
56) 2,4-Dinitrotoluene	9.96	165	270884	45.91	ng	#	87
57) Fluorene	10.30	166	774610	37.21	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	191467	36.58	ng		92
59) Diethylphthalate	10.19	149	863612	41.21	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	359905	42.91	ng		93
61) 4-Nitroaniline	10.34	138	232490	45.15	ng		89
62) Azobenzene	10.46	77	877137	38.16	ng		89
64) 4,6-Dinitro-2-methylphenol	10.36	198	137041	47.86	ng	#	64
65) n-Nitrosodiphenylamine	10.43	169	725394	43.01	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	261118	45.99	ng	#	92
67) Hexachlorobenzene	10.85	284	250102	39.13	ng	#	85
68) Atrazine	10.96	200	201063	36.43	ng		98
69) Pentachlorophenol	11.05	266	126502	38.18	ng		98
70) Phenanthrene	11.27	178	1071183	38.82	ng		97
71) Anthracene	11.32	178	1260828	46.61	ng		99
72) Carbazole	11.48	167	1057272	39.98	ng		98
73) Di-n-butylphthalate	11.81	149	1195727	40.81	ng	#	96
74) Fluoranthene	12.45	202	1211765	42.04	ng		95
76) Benzidine	12.58	184	625018	49.95	ng		96
77) Pyrene	12.68	202	1192960	43.56	ng		99
79) Butylbenzylphthalate	13.31	149	493321	41.63	ng	#	91
80) Benzo(a)anthracene	13.86	228	868577	42.39	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	321397	44.94	ng		100
82) Chrysene	13.91	228	872366	44.30	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	625426	41.77	ng		98
84) Di-n-octyl phthalate	14.48	149	936172	37.04	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.57	276	726374	46.54	ng		100
87) Benzo(b)fluoranthene	14.88	252	813737m	40.71	ng		
88) Benzo(k)fluoranthene	14.90	252	636589m	38.94	ng		
89) Benzo(a)pyrene	15.20	252	674215	39.76	ng	#	96
90) Dibenzo(a,h)anthracene	16.58	278	613208	42.03	ng		96
91) Benzo(g,h,i)perylene	16.96	276	622837	41.22	ng		100

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

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