Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084699.D
Acq On : 30 Jan 2016 22:40
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
2/1/2016 2:27:19 PM

Quant Time: Feb 01 03:57:09 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 12:54:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	168846	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	612902	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	246555	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	391847	20.00	ng		0.00
75) Chrysene-d12	13.88	240	376369	20.00	ng		0.01
86) Perylene-d12	15.27	264	422681	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	872695	78.02	ng		0.01
7) Phenol-d6	6.37	99	993403	74.10	ng		0.00
23) Nitrobenzene-d5	7.30	82	874894	79.77	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	197599	76.47	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1333991	80.42	ng		0.00
78) Terphenyl-d14	12.83	244	1087283	65.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	188769	36.19	ng	#	77
3) Pyridine	2.91	79	469604	33.80	ng	#	76
4) n-Nitrosodimethylamine	2.85	42	236672	34.83	ng	#	82
6) Aniline	6.38	93	621819	36.13	ng	#	85
8) 2-Chlorophenol	6.51	128	451790	36.41	ng		89
9) Benzaldehyde	6.27	77	309800	39.91	ng		98
10) Phenol	6.40	94	557914	37.34	ng		93
11) bis(2-Chloroethyl)ether	6.46	93	438970m	37.77	ng		
12) 1,3-Dichlorobenzene	6.67	146	508394	38.25	ng		99
13) 1,4-Dichlorobenzene	6.75	146	488157m	37.42	ng		
14) 1,2-Dichlorobenzene	6.90	146	486225	40.48	ng		99
15) Benzyl Alcohol	6.88	79	318644	34.92	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.01	45	701731	35.28	ng		89
17) 2-Methylphenol	7.00	107	365615	38.01	ng		94
18) Hexachloroethane	7.24	117	177440	34.77	ng		92
19) n-Nitroso-di-n-propylamine	7.15	70	283024	34.56	ng	#	71
20) 3+4-Methylphenols	7.16	107	451071	38.65	ng		89
22) Acetophenone	7.15	105	657479	41.07	ng	#	97
24) Nitrobenzene	7.32	77	461012	39.55	ng	#	83
25) Isophorone	7.56	82	833703	40.58	ng		95
26) 2-Nitrophenol	7.63	139	206583	37.27	ng	#	80
27) 2,4-Dimethylphenol	7.69	122	398988	41.08	ng		89
28) bis(2-Chloroethoxy)methane	7.78	93	495532	40.18	ng	#	96
29) 2,4-Dichlorophenol	7.88	162	340452	40.07	ng		99
30) 1,2,4-Trichlorobenzene	7.96	180	387107	39.84	ng	#	95
31) Naphthalene	8.04	128	1199315	38.76	ng		98
32) Benzoic acid	7.80	122	205549	27.57	ng		92
33) 4-Chloroaniline	8.09	127	443977	35.28	ng		97
34) Hexachlorobutadiene	8.16	225	221144	38.52	ng		98
35) Caprolactam	8.46	113	91404	37.49	ng	#	56
36) 4-Chloro-3-methylphenol	8.58	107	320036	34.21	ng		92
37) 2-Methylnaphthalene	8.73	142	748061	39.39	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	325112	40.66	ng		98
40) Hexachlorocyclopentadiene	8.88	237	25408	6.99	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	213624	43.01	ng		94
43) 2,4,5-Trichlorophenol	9.06	196	194012	37.83	ng		92
45) 1,1'-Biphenyl	9.20	154	968593	42.86	ng		97
46) 2-Chloronaphthalene	9.22	162	669697	40.62	ng	#	88
47) 2-Nitroaniline	9.31	65	180153	36.39	ng		96
48) Acenaphthylene	9.63	152	1029924	41.23	ng		99
49) Dimethylphthalate	9.49	163	722397	39.04	ng	#	89
50) 2,6-Dinitrotoluene	9.56	165	173556	42.63	ng		97
51) Acenaphthene	9.80	154	646734	38.66	ng		96
52) 3-Nitroaniline	9.72	138	157018	36.91	ng		99
53) 2,4-Dinitrophenol	9.84	184	13907	6.92	ng		89
54) Dibenzofuran	9.97	168	806991	40.42	ng		98
55) 4-Nitrophenol	9.90	139	115934	37.10	ng		85
56) 2,4-Dinitrotoluene	9.96	165	206809	39.10	ng		94
57) Fluorene	10.32	166	643466	38.03	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	137591	35.49	ng		89
59) Diethylphthalate	10.19	149	689712	38.07	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	291760	38.41	ng		93
61) 4-Nitroaniline	10.34	138	178394	44.30	ng	#	75
62) Azobenzene	10.46	77	665617	38.39	ng		91
64) 4,6-Dinitro-2-methylphenol	10.36	198	30066	11.75	ng	#	56
65) n-Nitrosodiphenylamine	10.43	169	572121	45.03	ng		98
66) 4-Bromophenyl-phenylether	10.80	248	194748	44.13	ng	#	93
67) Hexachlorobenzene	10.85	284	186393	38.83	ng	#	76
68) Atrazine	10.96	200	160309	42.11	ng		97
69) Pentachlorophenol	11.06	266	90889	39.19	ng		95
70) Phenanthrene	11.26	178	832515	38.42	ng		99
71) Anthracene	11.32	178	936979	42.53	ng		100
72) Carbazole	11.48	167	816068	42.98	ng		98
73) Di-n-butylphthalate	11.81	149	980231	42.45	ng	#	97
74) Fluoranthene	12.45	202	919667	42.93	ng		97
76) Benzidine	12.58	184	525408	36.70	ng		99
77) Pyrene	12.68	202	993145	34.99	ng		99
79) Butylbenzylphthalate	13.31	149	452905	37.35	ng		95
80) Benzo(a)anthracene	13.87	228	873629	37.24	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	367089	44.47	ng	#	96
82) Chrysene	13.90	228	904367	39.11	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	575921	36.61	ng		98
84) Di-n-octyl phthalate	14.49	149	1101203	44.30	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.58	276	892344	43.64	ng		100
87) Benzo(b)fluoranthene	14.88	252	905190m	33.07	ng		
88) Benzo(k)fluoranthene	14.91	252	945092m	41.81	ng		
89) Benzo(a)pyrene	15.21	252	889746	37.58	ng	#	97
90) Dibenzo(a,h)anthracene	16.59	278	762992	35.76	ng		98
91) Benzo(g,h,i)perylene	16.98	276	684395	31.77	ng		98

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

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