Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
Data File : BF085468.D
Acq On : 16 Mar 2016 18:12
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/17/2016 5:19:59 PM

Quant Time: Mar 16 23:56:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	244186	20.00	ng		-0.01
21) Naphthalene-d8	8.20	136	970053	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	382440	20.00	ng		-0.01
63) Phenanthrene-d10	11.43	188	626560	20.00	ng		-0.01
75) Chrysene-d12	14.07	240	436347	20.00	ng		-0.01
86) Perylene-d12	15.52	264	477292	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1193982	84.05	ng		0.00
7) Phenol-d6	6.55	99	1473885	79.99	ng		0.00
23) Nitrobenzene-d5	7.48	82	1216400	74.14	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	282720	80.26	ng		-0.01
44) 2-Fluorobiphenyl	9.27	172	1720423	78.04	ng		-0.01
78) Terphenyl-d14	13.02	244	1414634	73.34	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	292313	41.24	ng		97
3) Pyridine	3.30	79	670068	39.82	ng		98
4) n-Nitrosodimethylamine	3.27	42	310005	39.89	ng		95
6) Aniline	6.57	93	958313	37.67	ng		100
8) 2-Chlorophenol	6.70	128	675405	40.55	ng		88
9) Benzaldehyde	6.46	77	351744	34.19	ng		92
10) Phenol	6.56	94	882297	42.71	ng		92
11) bis(2-Chloroethyl)ether	6.64	93	653754	41.16	ng		94
12) 1,3-Dichlorobenzene	6.85	146	698460m	37.84	ng		
13) 1,4-Dichlorobenzene	6.93	146	750665	40.60	ng		95
14) 1,2-Dichlorobenzene	7.08	146	602040	37.10	ng		96
15) Benzyl Alcohol	7.05	79	480086	36.48	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	874765	40.44	ng		95
17) 2-Methylphenol	7.17	107	555405	39.83	ng		97
18) Hexachloroethane	7.42	117	260602	38.42	ng		96
19) n-Nitroso-di-n-propylamine	7.33	70	385187	34.91	ng	#	91
20) 3+4-Methylphenols	7.33	107	593199	39.68	ng	#	64
22) Acetophenone	7.33	105	841745	35.41	ng		99
24) Nitrobenzene	7.50	77	751429	40.65	ng		93
25) Isophorone	7.74	82	1235011	36.91	ng		97
26) 2-Nitrophenol	7.81	139	325588	36.77	ng	#	71
27) 2,4-Dimethylphenol	7.85	122	629037	39.94	ng		97
28) bis(2-Chloroethoxy)methane	7.94	93	702425	35.11	ng		99
29) 2,4-Dichlorophenol	8.06	162	499444	39.09	ng		100
30) 1,2,4-Trichlorobenzene	8.14	180	577052	39.08	ng		96
31) Naphthalene	8.22	128	1781319	37.58	ng		99
32) Benzoic acid	7.98	122	265335	29.29	ng		98
33) 4-Chloroaniline	8.26	127	694900	34.08	ng		97
34) Hexachlorobutadiene	8.33	225	305320	39.56	ng		98
35) Caprolactam	8.65	113	137831	33.03	ng		89
36) 4-Chloro-3-methylphenol	8.74	107	496771	34.05	ng		96
37) 2-Methylnaphthalene	8.90	142	971541	32.37	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	511240	42.98	ng		99
40) Hexachlorocyclopentadiene	9.06	237	269712	46.92	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	334758	42.62	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	326835	41.19	ng		99
45) 1,1'-Biphenyl	9.37	154	1260890	40.39	ng		96
46) 2-Chloronaphthalene	9.40	162	935354	39.99	ng		93
47) 2-Nitroaniline	9.49	65	276898	39.10	ng		94
48) Acenaphthylene	9.81	152	1548575	40.93	ng		99
49) Dimethylphthalate	9.67	163	1103084	39.53	ng		99
50) 2,6-Dinitrotoluene	9.74	165	272816	44.26	ng	#	87
51) Acenaphthene	9.99	154	967142	40.65	ng		99
52) 3-Nitroaniline	9.91	138	300594	40.78	ng		84
53) 2,4-Dinitrophenol	10.01	184	96098	32.89	ng	#	34
54) Dibenzofuran	10.15	168	1146821	39.24	ng		98
55) 4-Nitrophenol	10.06	139	180423	35.56	ng	#	69
56) 2,4-Dinitrotoluene	10.14	165	305744	39.55	ng		96
57) Fluorene	10.49	166	877504	37.66	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	221817	40.71	ng		93
59) Diethylphthalate	10.37	149	956765	35.42	ng		96
60) 4-Chlorophenyl-phenylether	10.49	204	472908	39.49	ng	#	80
61) 4-Nitroaniline	10.52	138	231856	33.46	ng		99
62) Azobenzene	10.64	77	1066404	39.76	ng		95
64) 4,6-Dinitro-2-methylphenol	10.55	198	158751	42.42	ng		100
65) n-Nitrosodiphenylamine	10.61	169	779502	40.37	ng		100
66) 4-Bromophenyl-phenylether	10.97	248	262247	41.36	ng	#	83
67) Hexachlorobenzene	11.04	284	271520	41.50	ng	#	79
68) Atrazine	11.13	200	195492	35.38	ng		97
69) Pentachlorophenol	11.24	266	147604	42.56	ng		98
70) Phenanthrene	11.45	178	1246895	38.21	ng		99
71) Anthracene	11.51	178	1357307	40.83	ng		100
72) Carbazole	11.66	167	995089	35.38	ng		99
73) Di-n-butylphthalate	11.99	149	1294199	37.14	ng		99
74) Fluoranthene	12.64	202	1085067	35.37	ng		97
76) Benzidine	12.77	184	419470	30.95	ng		98
77) Pyrene	12.87	202	1088690	33.27	ng		99
79) Butylbenzylphthalate	13.49	149	537062	37.53	ng		85
80) Benzo(a)anthracene	14.06	228	974150	38.94	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	401067	47.36	ng	#	96
82) Chrysene	14.09	228	792944	35.24	ng		100
83) Bis(2-ethylhexyl)phthalate	14.05	149	721672	41.34	ng	#	97
84) Di-n-octyl phthalate	14.65	149	1237518	48.56	ng		99
85) Indeno(1,2,3-cd)pyrene	16.96	276	1357549	63.64	ng		97
87) Benzo(b)fluoranthene	15.10	252	1019678	32.71	ng		97
88) Benzo(k)fluoranthene	15.13	252	1021520m	41.84	ng		
89) Benzo(a)pyrene	15.47	252	1050182	39.00	ng		98
90) Dibenzo(a,h)anthracene	16.99	278	1107727	42.11	ng		97
91) Benzo(g,h,i)perylene	17.41	276	1134301	42.22	ng		98

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

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