Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089268.D
Acq On : 24 Jul 2016 9:06
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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sohil
7/25/2016 6:43:29 PM

Quant Time: Jul 25 05:29:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	50806	20.00	ng		-0.02
21) Naphthalene-d8	7.87	136	197419	20.00	ng		-0.01
38) Acenaphthene-d10	9.61	164	82536	20.00	ng		-0.02
63) Phenanthrene-d10	11.08	188	130233	20.00	ng		-0.02
75) Chrysene-d12	13.70	240	89273	20.00	ng		-0.02
86) Perylene-d12	15.05	264	88184	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	250124	74.87	ng		-0.03
7) Phenol-d6	6.24	99	311348	72.27	ng		-0.03
23) Nitrobenzene-d5	7.15	82	290292	78.13	ng		-0.02
41) 2,4,6-Tribromophenol	10.40	330	50807	68.37	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	545642	91.09	ng		-0.02
78) Terphenyl-d14	12.66	244	283506	68.88	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	51215	35.31	ng		91
3) Pyridine	2.60	79	136194	36.96	ng		98
4) n-Nitrosodimethylamine	2.58	42	52084	33.58	ng		96
6) Aniline	6.24	93	202806	34.84	ng		94
8) 2-Chlorophenol	6.36	128	145282	39.19	ng		88
9) Benzaldehyde	6.12	77	75823	31.76	ng		98
10) Phenol	6.25	94	183776	37.03	ng	#	65
11) bis(2-Chloroethyl)ether	6.33	93	149997	40.24	ng		98
12) 1,3-Dichlorobenzene	6.51	146	145871	35.64	ng		98
13) 1,4-Dichlorobenzene	6.59	146	158924	38.55	ng		99
14) 1,2-Dichlorobenzene	6.75	146	155804	40.08	ng		99
15) Benzyl Alcohol	6.74	79	110400	34.99	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.87	45	166074	39.10	ng		78
17) 2-Methylphenol	6.87	107	101428	34.74	ng		97
18) Hexachloroethane	7.08	117	52628	33.96	ng		99
19) n-Nitroso-di-n-propylamine	7.02	70	109791	38.97	ng		99
20) 3+4-Methylphenols	7.03	107	139232	35.12	ng		94
22) Acetophenone	7.00	105	211952	40.20	ng		99
24) Nitrobenzene	7.18	77	161474	41.21	ng		94
25) Isophorone	7.42	82	269707	39.39	ng		99
26) 2-Nitrophenol	7.50	139	64987	35.56	ng	#	77
27) 2,4-Dimethylphenol	7.54	122	113078	36.72	ng		100
28) bis(2-Chloroethoxy)methane	7.63	93	175448	40.96	ng		99
29) 2,4-Dichlorophenol	7.74	162	109855	39.59	ng		98
30) 1,2,4-Trichlorobenzene	7.82	180	123985	40.36	ng		99
31) Naphthalene	7.88	128	375442	35.24	ng		100
32) Benzoic acid	7.69	122	66032	27.88	ng		96
33) 4-Chloroaniline	7.95	127	173085	38.63	ng		97
34) Hexachlorobutadiene	8.01	225	67242	39.33	ng		98
35) Caprolactam	8.33	113	29206	33.89	ng		98
36) 4-Chloro-3-methylphenol	8.44	107	130252	38.96	ng		98
37) 2-Methylnaphthalene	8.58	142	261584	38.50	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	129308	42.15	ng		98
40) Hexachlorocyclopentadiene	8.73	237	5351	13.11	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	67578	39.36	ng		99
43) 2,4,5-Trichlorophenol	8.91	196	69109	40.10	ng		98
45) 1,1'-Biphenyl	9.05	154	306685	41.26	ng		95
46) 2-Chloronaphthalene	9.06	162	229693	40.67	ng		98
47) 2-Nitroaniline	9.18	65	75408	38.92	ng	#	69
48) Acenaphthylene	9.47	152	357564	40.27	ng		100
49) Dimethylphthalate	9.36	163	279379	44.11	ng		100
50) 2,6-Dinitrotoluene	9.42	165	57775	40.40	ng	#	86
51) Acenaphthene	9.64	154	211144	40.19	ng		100
52) 3-Nitroaniline	9.59	138	64482	37.97	ng		91
53) 2,4-Dinitrophenol	9.71	184	2706	11.85	ng	#	14
54) Dibenzofuran	9.82	168	284317	40.06	ng		99
55) 4-Nitrophenol	9.77	139	30040m	29.24	ng		
56) 2,4-Dinitrotoluene	9.82	165	66980	36.37	ng		93
57) Fluorene	10.16	166	234185	38.87	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	46978	37.95	ng		99
59) Diethylphthalate	10.04	149	257775	41.05	ng		99
60) 4-Chlorophenyl-phenylether	10.16	204	111359	40.49	ng		93
61) 4-Nitroaniline	10.19	138	59391	35.95	ng		98
62) Azobenzene	10.31	77	252306	36.97	ng		98
64) 4,6-Dinitro-2-methylphenol	10.23	198	7127	9.40	ng		74
65) n-Nitrosodiphenylamine	10.27	169	196635	45.18	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	59571	46.22	ng		97
67) Hexachlorobenzene	10.71	284	53783	38.80	ng		97
68) Atrazine	10.81	200	57069	41.93	ng		96
69) Pentachlorophenol	10.90	266	22680	35.47	ng		99
70) Phenanthrene	11.11	178	274961	38.49	ng		99
71) Anthracene	11.16	178	292744	39.42	ng		100
72) Carbazole	11.32	167	246324	37.76	ng		98
73) Di-n-butylphthalate	11.67	149	343693	42.60	ng	#	97
74) Fluoranthene	12.29	202	250735	33.39	ng		99
76) Benzidine	12.42	184	115131	37.51	ng		100
77) Pyrene	12.51	202	262074	35.55	ng		98
79) Butylbenzylphthalate	13.14	149	115120	36.91	ng		94
80) Benzo(a)anthracene	13.69	228	208723	36.71	ng		100
81) 3,3'-Dichlorobenzidine	13.67	252	84174	44.63	ng		98
82) Chrysene	13.74	228	227676	41.92	ng		100
83) Bis(2-ethylhexyl)phthalate	13.71	149	163737	39.58	ng	#	95
84) Di-n-octyl phthalate	14.32	149	300656	44.05	ng		99
85) Indeno(1,2,3-cd)pyrene	16.27	276	181955	46.13	ng		99
87) Benzo(b)fluoranthene	14.70	252	235582m	36.88	ng		
88) Benzo(k)fluoranthene	14.72	252	196125m	42.94	ng		
89) Benzo(a)pyrene	14.99	252	201013	40.54	ng		99
90) Dibenzo(a,h)anthracene	16.29	278	160435	40.98	ng		98
91) Benzo(g,h,i)perylene	16.63	276	147507	37.37	ng		96

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

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