Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089218.D
Acq On : 23 Jul 2016 4:15
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
7/25/2016 6:41:32 PM

Quant Time: Jul 23 05:36:06 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	45458	20.00	ng		-0.02
21) Naphthalene-d8	7.87	136	185295	20.00	ng		-0.01
38) Acenaphthene-d10	9.61	164	88781	20.00	ng		-0.02
63) Phenanthrene-d10	11.08	188	173471	20.00	ng		-0.02
75) Chrysene-d12	13.71	240	117103	20.00	ng		-0.01
86) Perylene-d12	15.05	264	90583	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	226060	75.63	ng		-0.03
7) Phenol-d6	6.24	99	296979	77.05	ng		-0.03
23) Nitrobenzene-d5	7.15	82	279112	80.04	ng		-0.02
41) 2,4,6-Tribromophenol	10.40	330	61334	76.73	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	539338	83.70	ng		-0.02
78) Terphenyl-d14	12.67	244	456870	84.62	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	53230	41.01	ng		99
3) Pyridine	2.62	79	123623	37.50	ng		94
4) n-Nitrosodimethylamine	2.58	42	47405	34.16	ng		90
6) Aniline	6.24	93	187612	36.02	ng		98
8) 2-Chlorophenol	6.36	128	134337	40.50	ng		91
9) Benzaldehyde	6.12	77	69837	32.94	ng		95
10) Phenol	6.25	94	176286	39.70	ng	#	73
11) bis(2-Chloroethyl)ether	6.33	93	135658	40.68	ng		100
12) 1,3-Dichlorobenzene	6.51	146	134405	36.70	ng		97
13) 1,4-Dichlorobenzene	6.59	146	146860	39.81	ng		98
14) 1,2-Dichlorobenzene	6.75	146	145055	41.71	ng		99
15) Benzyl Alcohol	6.74	79	98159	34.77	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.87	45	155326	40.88	ng	#	72
17) 2-Methylphenol	6.87	107	94928	36.34	ng		93
18) Hexachloroethane	7.08	117	55013	39.68	ng		99
19) n-Nitroso-di-n-propylamine	7.02	70	96696	38.36	ng		99
20) 3+4-Methylphenols	7.02	107	132510	37.36	ng	#	80
22) Acetophenone	7.00	105	199824	40.38	ng		99
24) Nitrobenzene	7.18	77	147479	40.10	ng		98
25) Isophorone	7.42	82	252754	39.32	ng		99
26) 2-Nitrophenol	7.50	139	64277	37.47	ng	#	79
27) 2,4-Dimethylphenol	7.54	122	106198	36.74	ng		98
28) bis(2-Chloroethoxy)methane	7.63	93	165638	41.20	ng		99
29) 2,4-Dichlorophenol	7.74	162	107816	41.39	ng		97
30) 1,2,4-Trichlorobenzene	7.82	180	116189	40.30	ng		99
31) Naphthalene	7.88	128	367921	36.79	ng		99
32) Benzoic acid	7.70	122	81320	36.59	ng		94
33) 4-Chloroaniline	7.95	127	164310	39.07	ng		98
34) Hexachlorobutadiene	8.01	225	63489	39.56	ng		99
35) Caprolactam	8.33	113	31929	39.47	ng	#	81
36) 4-Chloro-3-methylphenol	8.44	107	128044	40.80	ng		97
37) 2-Methylnaphthalene	8.58	142	253242	39.71	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	127710	38.70	ng		98
40) Hexachlorocyclopentadiene	8.73	237	32257	34.57	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	67170	36.37	ng		98
43) 2,4,5-Trichlorophenol	8.91	196	72906	39.33	ng		97
45) 1,1'-Biphenyl	9.05	154	310422	38.83	ng		95
46) 2-Chloronaphthalene	9.06	162	237018	39.01	ng		100
47) 2-Nitroaniline	9.18	65	79064	37.93	ng	#	74
48) Acenaphthylene	9.47	152	379751	39.76	ng		100
49) Dimethylphthalate	9.36	163	277493	40.73	ng		99
50) 2,6-Dinitrotoluene	9.42	165	60714	39.47	ng	#	86
51) Acenaphthene	9.64	154	216644	38.34	ng		99
52) 3-Nitroaniline	9.59	138	71121	38.94	ng		91
53) 2,4-Dinitrophenol	9.70	184	18240	29.31	ng		89
54) Dibenzofuran	9.82	168	300388	39.34	ng		98
55) 4-Nitrophenol	9.77	139	29030	26.27	ng		98
56) 2,4-Dinitrotoluene	9.82	165	76618	38.67	ng		91
57) Fluorene	10.16	166	264355	40.79	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	59093	44.38	ng		90
59) Diethylphthalate	10.04	149	260633	38.58	ng		98
60) 4-Chlorophenyl-phenylether	10.16	204	119686	40.45	ng	#	88
61) 4-Nitroaniline	10.19	138	70689	39.77	ng		94
62) Azobenzene	10.32	77	289733	39.46	ng		87
64) 4,6-Dinitro-2-methylphenol	10.23	198	39586	39.20	ng		83
65) n-Nitrosodiphenylamine	10.28	169	225698	38.93	ng		97
66) 4-Bromophenyl-phenylether	10.64	248	68000	39.61	ng	#	88
67) Hexachlorobenzene	10.71	284	71187	38.56	ng	#	94
68) Atrazine	10.81	200	67193	37.06	ng		99
69) Pentachlorophenol	10.90	266	32811	38.52	ng		98
70) Phenanthrene	11.11	178	359126	37.74	ng		100
71) Anthracene	11.16	178	411151	41.57	ng		100
72) Carbazole	11.32	167	356622	41.05	ng		100
73) Di-n-butylphthalate	11.67	149	444535	41.37	ng	#	98
74) Fluoranthene	12.29	202	379337	37.92	ng		100
76) Benzidine	12.42	184	153897	38.23	ng		99
77) Pyrene	12.51	202	407333	42.12	ng		100
79) Butylbenzylphthalate	13.14	149	167263	40.89	ng		92
80) Benzo(a)anthracene	13.70	228	287258	38.52	ng		100
81) 3,3'-Dichlorobenzidine	13.67	252	100395	40.58	ng		98
82) Chrysene	13.74	228	303542	42.61	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	229634	42.32	ng	#	94
84) Di-n-octyl phthalate	14.32	149	356988	39.87	ng		100
85) Indeno(1,2,3-cd)pyrene	16.27	276	194310	37.55	ng		100
87) Benzo(b)fluoranthene	14.70	252	269398m	41.06	ng		
88) Benzo(k)fluoranthene	14.72	252	192657m	41.06	ng		
89) Benzo(a)pyrene	14.99	252	207831	40.81	ng		100
90) Dibenzo(a,h)anthracene	16.27	278	168677	41.94	ng	#	92
91) Benzo(g,h,i)perylene	16.63	276	169343	41.76	ng		97

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

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