Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088038.D
Acq On : 15 Jun 2016 10:37
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
6/15/2016 6:40:45 PM

Quant Time: Jun 15 14:10:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	116354	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	439831	20.00	ng		-0.01
38) Acenaphthene-d10	9.83	164	188479	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	275471	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	260330	20.00	ng		-0.01
86) Perylene-d12	15.35	264	210591	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	538038	79.05	ng		-0.01
7) Phenol-d6	6.42	99	646757	78.41	ng		-0.01
23) Nitrobenzene-d5	7.36	82	614422	81.57	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	120412	60.50	ng		-0.01
44) 2-Fluorobiphenyl	9.15	172	926741	76.70	ng		-0.01
78) Terphenyl-d14	12.89	244	659493	57.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	144607	43.73	ng	#	41
3) Pyridine	3.00	79	319632	40.93	ng		93
4) n-Nitrosodimethylamine	2.96	42	133573	40.39	ng		84
6) Aniline	6.44	93	418948	35.68	ng	#	77
8) 2-Chlorophenol	6.57	128	327598	40.66	ng		86
9) Benzaldehyde	6.33	77	190861	35.64	ng		98
10) Phenol	6.44	94	331052	38.51	ng	#	31
11) bis(2-Chloroethyl)ether	6.52	93	287404	39.74	ng		90
12) 1,3-Dichlorobenzene	6.72	146	323419	37.42	ng		99
13) 1,4-Dichlorobenzene	6.80	146	323470	37.15	ng		98
14) 1,2-Dichlorobenzene	6.96	146	321471	40.60	ng		98
15) Benzyl Alcohol	6.94	79	235223	36.45	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	379200	38.81	ng		90
17) 2-Methylphenol	7.05	107	251244	38.46	ng		98
18) Hexachloroethane	7.30	117	101563	32.87	ng	#	86
19) n-Nitroso-di-n-propylamine	7.21	70	196879	37.31	ng		88
20) 3+4-Methylphenols	7.21	107	293826	38.55	ng	#	80
22) Acetophenone	7.20	105	363824	37.01	ng	#	92
24) Nitrobenzene	7.37	77	268279	36.77	ng		88
25) Isophorone	7.61	82	527635	37.82	ng		98
26) 2-Nitrophenol	7.69	139	164764	42.16	ng	#	82
27) 2,4-Dimethylphenol	7.74	122	293984	40.85	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	333520	38.54	ng	#	97
29) 2,4-Dichlorophenol	7.93	162	231522	38.53	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	242332	37.04	ng		98
31) Naphthalene	8.09	128	793709	36.47	ng		100
32) Benzoic acid	7.86	122	141766m	35.78	ng		
33) 4-Chloroaniline	8.15	127	376764	38.76	ng		96
34) Hexachlorobutadiene	8.22	225	138223	40.06	ng		100
35) Caprolactam	8.52	113	69911	35.13	ng		89
36) 4-Chloro-3-methylphenol	8.64	107	251437	39.13	ng		89
37) 2-Methylnaphthalene	8.79	142	545539	38.03	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	219758	44.69	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	8294	2.73	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	144966	38.46	ng		95
43) 2,4,5-Trichlorophenol	9.11	196	147554	37.63	ng	#	89
45) 1,1'-Biphenyl	9.26	154	651079	46.18	ng		96
46) 2-Chloronaphthalene	9.28	162	495932	40.66	ng		93
47) 2-Nitroaniline	9.37	65	127749	35.51	ng		90
48) Acenaphthylene	9.69	152	753016	38.81	ng		99
49) Dimethylphthalate	9.55	163	516798	37.85	ng		99
50) 2,6-Dinitrotoluene	9.62	165	125694	40.20	ng	#	85
51) Acenaphthene	9.86	154	436590	36.07	ng		99
52) 3-Nitroaniline	9.78	138	122998	34.09	ng		95
53) 2,4-Dinitrophenol	9.88	184	9933	10.01	ng	#	80
54) Dibenzofuran	10.03	168	640556	38.43	ng		95
55) 4-Nitrophenol	9.95	139	89812	32.07	ng	#	64
56) 2,4-Dinitrotoluene	10.02	165	153461	38.19	ng	#	93
57) Fluorene	10.38	166	477333	42.07	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	100486	32.61	ng	#	56
59) Diethylphthalate	10.25	149	504015	36.47	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	189272	34.15	ng		95
61) 4-Nitroaniline	10.40	138	141009	41.20	ng		86
62) Azobenzene	10.52	77	473800	34.67	ng		97
64) 4,6-Dinitro-2-methylphenol	10.42	198	20261	13.41	ng		94
65) n-Nitrosodiphenylamine	10.49	169	445178	48.70	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	129304	43.75	ng		95
67) Hexachlorobenzene	10.92	284	125620	40.91	ng	#	71
68) Atrazine	11.02	200	117702	42.52	ng		94
69) Pentachlorophenol	11.12	266	57467	35.50	ng		98
70) Phenanthrene	11.34	178	595689	41.21	ng		98
71) Anthracene	11.38	178	576854	39.56	ng		99
72) Carbazole	11.54	167	601899	44.11	ng		98
73) Di-n-butylphthalate	11.87	149	676418	39.16	ng		100
74) Fluoranthene	12.51	202	557609	36.55	ng		98
76) Benzidine	12.64	184	336114	46.63	ng		99
77) Pyrene	12.74	202	588158	30.45	ng		100
79) Butylbenzylphthalate	13.37	149	306913	35.93	ng		97
80) Benzo(a)anthracene	13.93	228	545528	36.77	ng		100
81) 3,3'-Dichlorobenzidine	13.90	252	188751	47.31	ng	#	98
82) Chrysene	13.97	228	472690	33.87	ng		98
83) Bis(2-ethylhexyl)phthalate	13.93	149	383700	36.91	ng	#	98
84) Di-n-octyl phthalate	14.54	149	724195	42.87	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	411887	31.76	ng	#	100
87) Benzo(b)fluoranthene	14.95	252	489706	33.36	ng	#	96
88) Benzo(k)fluoranthene	14.98	252	490778m	44.32	ng		
89) Benzo(a)pyrene	15.29	252	451173	37.99	ng		97
90) Dibenzo(a,h)anthracene	16.72	278	347241	31.48	ng		96
91) Benzo(g,h,i)perylene	17.11	276	338409	29.83	ng		99

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

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