Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
Data File : BF088731.D
Acq On : 6 Jul 2016 11:00
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
SOHIL
7/7/2016 1:55:40 AM

Quant Time: Jul 06 16:41:18 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 06 16:39:34 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	85299	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	355026	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	159461	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	306885	20.00	ng		0.00
75) Chrysene-d12	13.90	240	232865	20.00	ng		0.00
86) Perylene-d12	15.28	264	206671	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	468227	82.27	ng		0.00
7) Phenol-d6	6.40	99	568006	77.24	ng		0.00
23) Nitrobenzene-d5	7.32	82	499027	73.66	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	128768	86.96	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	865223	85.71	ng		0.00
78) Terphenyl-d14	12.86	244	804096	76.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	102544	36.34	ng	#	37
3) Pyridine	2.97	79	305362	37.29	ng		91
4) n-Nitrosodimethylamine	2.92	42	112187	35.86	ng		91
6) Aniline	6.42	93	411378	38.38	ng		97
8) 2-Chlorophenol	6.55	128	257047	42.02	ng		86
9) Benzaldehyde	6.30	77	171061	34.34	ng		85
10) Phenol	6.41	94	326775	38.93	ng	#	66
11) bis(2-Chloroethyl)ether	6.50	93	263168	42.05	ng		86
12) 1,3-Dichlorobenzene	6.70	146	254701m	37.84	ng		
13) 1,4-Dichlorobenzene	6.78	146	254719	38.12	ng		95
14) 1,2-Dichlorobenzene	6.94	146	254861	40.75	ng		97
15) Benzyl Alcohol	6.90	79	197077	36.41	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.05	45	308574	34.04	ng		89
17) 2-Methylphenol	7.02	107	203746	40.83	ng		96
18) Hexachloroethane	7.28	117	102986	39.85	ng		94
19) n-Nitroso-di-n-propylamine	7.19	70	198896	40.26	ng	#	87
20) 3+4-Methylphenols	7.18	107	222624	37.17	ng	#	66
22) Acetophenone	7.18	105	357323	41.47	ng	#	87
24) Nitrobenzene	7.35	77	297661	43.58	ng	#	87
25) Isophorone	7.59	82	475062	37.86	ng		95
26) 2-Nitrophenol	7.67	139	127696	45.59	ng	#	75
27) 2,4-Dimethylphenol	7.70	122	215467	36.93	ng		86
28) bis(2-Chloroethoxy)methane	7.80	93	333287	40.81	ng	#	95
29) 2,4-Dichlorophenol	7.91	162	202009	42.84	ng		95
30) 1,2,4-Trichlorobenzene	7.99	180	208197	40.24	ng		99
31) Naphthalene	8.07	128	710194	40.58	ng		99
32) Benzoic acid	7.84	122	153485	36.24	ng		92
33) 4-Chloroaniline	8.11	127	297807	38.24	ng		94
34) Hexachlorobutadiene	8.19	225	122144	44.09	ng		98
35) Caprolactam	8.49	113	62339	38.93	ng		89
36) 4-Chloro-3-methylphenol	8.60	107	252243	45.24	ng		95
37) 2-Methylnaphthalene	8.75	142	419064	37.18	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	231421	43.63	ng	#	1
40) Hexachlorocyclopentadiene	8.91	237	98432	37.81	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	142856	40.85	ng		100
43) 2,4,5-Trichlorophenol	9.07	196	141500	47.03	ng	#	90
45) 1,1'-Biphenyl	9.22	154	555196	42.05	ng		99
46) 2-Chloronaphthalene	9.24	162	441673	42.61	ng		98
47) 2-Nitroaniline	9.34	65	135188	36.75	ng		96
48) Acenaphthylene	9.66	152	666767	40.42	ng		99
49) Dimethylphthalate	9.53	163	512358	45.10	ng		99
50) 2,6-Dinitrotoluene	9.59	165	119786	47.57	ng	#	81
51) Acenaphthene	9.83	154	406300	40.19	ng		98
52) 3-Nitroaniline	9.75	138	118186	36.93	ng		86
53) 2,4-Dinitrophenol	9.85	184	49360	44.40	ng	#	73
54) Dibenzofuran	10.00	168	528642	39.95	ng	#	87
55) 4-Nitrophenol	9.91	139	88726	36.48	ng		88
56) 2,4-Dinitrotoluene	9.99	165	157529	47.85	ng	#	77
57) Fluorene	10.34	166	433190	42.48	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	99370	42.69	ng	#	52
59) Diethylphthalate	10.23	149	502376	44.06	ng		100
60) 4-Chlorophenyl-phenylether	10.34	204	204467	43.15	ng		89
61) 4-Nitroaniline	10.36	138	139168	45.18	ng		85
62) Azobenzene	10.49	77	516479	39.71	ng		91
64) 4,6-Dinitro-2-methylphenol	10.40	198	75298	45.87	ng	#	50
65) n-Nitrosodiphenylamine	10.46	169	400610	38.57	ng		100
66) 4-Bromophenyl-phenylether	10.82	248	117740	38.07	ng	#	77
67) Hexachlorobenzene	10.89	284	146942	42.92	ng	#	86
68) Atrazine	10.98	200	116846	36.10	ng		91
69) Pentachlorophenol	11.08	266	81768	40.36	ng		97
70) Phenanthrene	11.30	178	706318	42.10	ng		98
71) Anthracene	11.35	178	645627	38.71	ng		99
72) Carbazole	11.51	167	655405	41.75	ng		98
73) Di-n-butylphthalate	11.84	149	690645	37.82	ng		98
74) Fluoranthene	12.48	202	744564	43.78	ng		97
76) Benzidine	12.60	184	518148	44.02	ng		99
77) Pyrene	12.71	202	767068	38.85	ng		99
79) Butylbenzylphthalate	13.33	149	312977	35.54	ng	#	66
80) Benzo(a)anthracene	13.89	228	575855	38.40	ng		100
81) 3,3'-Dichlorobenzidine	13.85	252	203876	36.16	ng	#	94
82) Chrysene	13.92	228	520799	35.11	ng		98
83) Bis(2-ethylhexyl)phthalate	13.90	149	415729	41.35	ng	#	99
84) Di-n-octyl phthalate	14.50	149	715326	41.88	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	424778	37.22	ng	#	100
87) Benzo(b)fluoranthene	14.89	252	469539m	36.22	ng		
88) Benzo(k)fluoranthene	14.93	252	508286m	45.04	ng		
89) Benzo(a)pyrene	15.22	252	435021	39.63	ng		99
90) Dibenzo(a,h)anthracene	16.62	278	361052	39.39	ng		98
91) Benzo(g,h,i)perylene	16.99	276	364201	38.40	ng		99

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

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