Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087498.D
Acq On : 29 May 2016 1:47
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
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5/31/2016 7:39:26 PM

Quant Time: May 30 04:11:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 30 04:10:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	183071	20.00	ng		0.00
21) Naphthalene-d8	9.51	136	748745	20.00	ng		0.00
38) Acenaphthene-d10	12.33	164	341323	20.00	ng		0.00
63) Phenanthrene-d10	14.73	188	648975	20.00	ng		0.00
75) Chrysene-d12	18.43	240	450226	20.00	ng		0.00
86) Perylene-d12	20.10	264	365723	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	910073	87.35	ng		0.01
7) Phenol-d6	7.04	99	1164647	82.73	ng		0.00
23) Nitrobenzene-d5	8.40	82	1252009	84.27	ng		0.00
41) 2,4,6-Tribromophenol	13.63	330	274221	83.60	ng		0.00
44) 2-Fluorobiphenyl	11.29	172	1909347	78.86	ng		0.00
78) Terphenyl-d14	17.09	244	1902218	89.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.76	88	190207	34.60	ng	#	73
3) Pyridine	2.34	79	466454	38.81	ng	#	65
4) n-Nitrosodimethylamine	2.33	42	397449	42.92	ng	#	45
6) Aniline	6.98	93	757617	41.60	ng		94
8) 2-Chlorophenol	7.15	128	523270	40.27	ng		88
9) Benzaldehyde	6.79	77	316607	40.73	ng		97
10) Phenol	7.06	94	647990	42.15	ng		83
11) bis(2-Chloroethyl)ether	7.12	93	485707	39.04	ng		84
12) 1,3-Dichlorobenzene	7.37	146	553078	39.03	ng	#	96
13) 1,4-Dichlorobenzene	7.50	146	571567	39.29	ng		94
14) 1,2-Dichlorobenzene	7.72	146	531433	39.49	ng		96
15) Benzyl Alcohol	7.78	79	463686	45.18	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.96	45	1056715	37.75	ng		87
17) 2-Methylphenol	8.00	107	427673	41.07	ng	#	90
18) Hexachloroethane	8.24	117	219220	40.39	ng		99
19) n-Nitroso-di-n-propylamine	8.20	70	428457	40.81	ng	#	69
20) 3+4-Methylphenols	8.26	107	558937	44.40	ng	#	60
22) Acetophenone	8.17	105	739966	41.37	ng	#	97
24) Nitrobenzene	8.43	77	649779	41.43	ng		96
25) Isophorone	8.83	82	1083673	40.67	ng	#	98
26) 2-Nitrophenol	8.92	139	266272	41.54	ng	#	63
27) 2,4-Dimethylphenol	9.07	122	449642	40.41	ng	#	85
28) bis(2-Chloroethoxy)methane	9.20	93	571544	38.08	ng		98
29) 2,4-Dichlorophenol	9.35	162	414832	41.36	ng		99
30) 1,2,4-Trichlorobenzene	9.43	180	454589	39.60	ng		96
31) Naphthalene	9.54	128	1503441	40.07	ng		99
32) Benzoic acid	9.45	122	203836	37.08	ng	#	76
33) 4-Chloroaniline	9.69	127	591433	42.80	ng		97
34) Hexachlorobutadiene	9.75	225	277982	39.83	ng		97
35) Caprolactam	10.38	113	127340m	43.50	ng		
36) 4-Chloro-3-methylphenol	10.56	107	475697	41.96	ng		88
37) 2-Methylnaphthalene	10.66	142	899889	38.39	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	425094	38.91	ng		99
40) Hexachlorocyclopentadiene	10.90	237	102044	29.47	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.18	196	265716	42.13	ng		94
43) 2,4,5-Trichlorophenol	11.26	196	255203	39.74	ng	#	91
45) 1,1'-Biphenyl	11.44	154	1178033	40.99	ng		97
46) 2-Chloronaphthalene	11.45	162	858399	39.04	ng		93
47) 2-Nitroaniline	11.68	65	358815	45.30	ng	#	81
48) Acenaphthylene	12.10	152	1331502	38.25	ng		99
49) Dimethylphthalate	12.00	163	1098041	40.16	ng		99
50) 2,6-Dinitrotoluene	12.09	165	209471	38.02	ng	#	56
51) Acenaphthene	12.39	154	823660	38.50	ng		98
52) 3-Nitroaniline	12.37	138	256613	45.38	ng		94
53) 2,4-Dinitrophenol	12.57	184	89707	35.76	ng	#	83
54) Dibenzofuran	12.67	168	1147556	39.62	ng		95
55) 4-Nitrophenol	12.77	139	103313	38.30	ng	#	49
56) 2,4-Dinitrotoluene	12.75	165	314259	42.68	ng		95
57) Fluorene	13.22	166	1007729	40.12	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.91	232	207363	41.97	ng		98
59) Diethylphthalate	13.14	149	1044725	39.30	ng		99
60) 4-Chlorophenyl-phenylether	13.26	204	484766	39.58	ng		90
61) 4-Nitroaniline	13.37	138	223310	42.31	ng	#	63
62) Azobenzene	13.51	77	1149156	41.67	ng		85
64) 4,6-Dinitro-2-methylphenol	13.43	198	157100	38.07	ng	#	84
65) n-Nitrosodiphenylamine	13.47	169	801175	38.17	ng		98
66) 4-Bromophenyl-phenylether	14.03	248	275390	38.79	ng		93
67) Hexachlorobenzene	14.11	284	290942	39.18	ng	#	84
68) Atrazine	14.40	200	221229	33.07	ng		93
69) Pentachlorophenol	14.48	266	89667	42.03	ng		97
70) Phenanthrene	14.78	178	1441731	40.11	ng		99
71) Anthracene	14.86	178	1426518	39.28	ng		100
72) Carbazole	15.15	167	1255412	40.53	ng		99
73) Di-n-butylphthalate	15.73	149	1535423	38.33	ng	#	98
74) Fluoranthene	16.54	202	1416974	39.31	ng		95
76) Benzidine	16.77	184	549393	47.42	ng		97
77) Pyrene	16.83	202	1404916	43.35	ng		99
79) Butylbenzylphthalate	17.75	149	628963	43.76	ng	#	67
80) Benzo(a)anthracene	18.42	228	1024485	40.00	ng		99
81) 3,3'-Dichlorobenzidine	18.41	252	561103	39.66	ng		98
82) Chrysene	18.47	228	994600	39.13	ng		99
83) Bis(2-ethylhexyl)phthalate	18.49	149	846582	40.37	ng	#	95
84) Di-n-octyl phthalate	19.27	149	1229291	38.44	ng	#	83
85) Indeno(1,2,3-cd)pyrene	21.33	276	947467	46.50	ng		94
87) Benzo(b)fluoranthene	19.70	252	892440	38.31	ng	#	93
88) Benzo(k)fluoranthene	19.73	252	802990m	40.05	ng		
89) Benzo(a)pyrene	20.05	252	792874	39.35	ng		98
90) Dibenzo(a,h)anthracene	21.33	278	801955	46.67	ng	#	93
91) Benzo(g,h,i)perylene	21.67	276	800962	47.24	ng	#	90

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

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