Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086426.D
Acq On : 27 Apr 2016 16:13
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
4/28/2016 1:40:03 PM

Quant Time: Apr 27 18:16:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	159000	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	662922	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	327778	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	558178	20.00	ng		0.00
75) Chrysene-d12	13.96	240	421819	20.00	ng		0.00
86) Perylene-d12	15.36	264	326637	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	725186	78.67	ng		0.00
7) Phenol-d6	6.44	99	986712	76.69	ng		0.00
23) Nitrobenzene-d5	7.38	82	988751	80.39	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	282810	81.82	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1452940	75.70	ng		0.00
78) Terphenyl-d14	12.91	244	1400070	73.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	182746	37.74	ng	#	77
3) Pyridine	3.06	79	490328	42.78	ng	#	78
4) n-Nitrosodimethylamine	3.01	42	276072	42.27	ng	#	61
6) Aniline	6.46	93	648388	41.65	ng		92
8) 2-Chlorophenol	6.59	128	439128	38.25	ng		94
9) Benzaldehyde	6.35	77	276223	36.90	ng		96
10) Phenol	6.45	94	515528	35.92	ng		76
11) bis(2-Chloroethyl)ether	6.54	93	460314	37.10	ng		87
12) 1,3-Dichlorobenzene	6.75	146	459325	37.19	ng		97
13) 1,4-Dichlorobenzene	6.82	146	473368m	37.15	ng		
14) 1,2-Dichlorobenzene	6.98	146	456204	39.04	ng		99
15) Benzyl Alcohol	6.96	79	348489	42.82	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.09	45	959065	38.61	ng		89
17) 2-Methylphenol	7.07	107	369915	39.86	ng		96
18) Hexachloroethane	7.32	117	183283	38.49	ng	#	85
19) n-Nitroso-di-n-propylamine	7.23	70	313587	36.88	ng	#	73
20) 3+4-Methylphenols	7.22	107	411237	38.81	ng	#	88
22) Acetophenone	7.22	105	565812	38.92	ng	#	85
24) Nitrobenzene	7.39	77	484483	38.29	ng		96
25) Isophorone	7.64	82	934050	39.46	ng		96
26) 2-Nitrophenol	7.71	139	247439	42.48	ng	#	87
27) 2,4-Dimethylphenol	7.76	122	431572	42.23	ng		94
28) bis(2-Chloroethoxy)methane	7.85	93	508410	39.43	ng		99
29) 2,4-Dichlorophenol	7.95	162	351408	40.75	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	381263	38.11	ng		95
31) Naphthalene	8.11	128	1211444	35.91	ng		99
32) Benzoic acid	7.89	122	237765	40.17	ng		90
33) 4-Chloroaniline	8.17	127	536890	42.50	ng		96
34) Hexachlorobutadiene	8.24	225	220572	39.33	ng		99
35) Caprolactam	8.56	113	124167	43.16	ng	#	79
36) 4-Chloro-3-methylphenol	8.65	107	378207	38.31	ng		91
37) 2-Methylnaphthalene	8.81	142	814211	40.91	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	335017	35.71	ng		100
40) Hexachlorocyclopentadiene	8.96	237	175388	37.62	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	227738	38.40	ng		96
43) 2,4,5-Trichlorophenol	9.13	196	253599	39.23	ng		97
45) 1,1'-Biphenyl	9.28	154	1008850	36.82	ng		100
46) 2-Chloronaphthalene	9.30	162	793672	38.10	ng		98
47) 2-Nitroaniline	9.39	65	279916	41.90	ng	#	82
48) Acenaphthylene	9.71	152	1234952	37.93	ng		99
49) Dimethylphthalate	9.57	163	877532	35.56	ng		99
50) 2,6-Dinitrotoluene	9.64	165	211090	41.41	ng	#	70
51) Acenaphthene	9.88	154	802779	38.38	ng		99
52) 3-Nitroaniline	9.80	138	224525	38.73	ng		86
53) 2,4-Dinitrophenol	9.90	184	96111	38.94	ng	#	76
54) Dibenzofuran	10.05	168	1003669	38.40	ng		100
55) 4-Nitrophenol	9.96	139	150491	39.64	ng	#	67
56) 2,4-Dinitrotoluene	10.04	165	270286	41.59	ng	#	83
57) Fluorene	10.40	166	824592	36.33	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	198822	39.34	ng		98
59) Diethylphthalate	10.27	149	815886	34.93	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	348434	33.81	ng		95
61) 4-Nitroaniline	10.42	138	230033	40.59	ng		79
62) Azobenzene	10.54	77	946924	37.01	ng		91
64) 4,6-Dinitro-2-methylphenol	10.44	198	140915	43.00	ng	#	38
65) n-Nitrosodiphenylamine	10.51	169	729716	41.83	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	244508	42.51	ng		92
67) Hexachlorobenzene	10.94	284	265707	39.91	ng	#	93
68) Atrazine	11.04	200	211256	40.33	ng		96
69) Pentachlorophenol	11.13	266	146958	41.87	ng		98
70) Phenanthrene	11.36	178	1159294	39.58	ng		100
71) Anthracene	11.40	178	1199982	38.39	ng		100
72) Carbazole	11.56	167	1151656	41.57	ng		100
73) Di-n-butylphthalate	11.89	149	1284577	40.93	ng		99
74) Fluoranthene	12.53	202	1167036	39.47	ng		99
76) Benzidine	12.66	184	603599	41.64	ng		97
77) Pyrene	12.76	202	1161586	38.22	ng		99
79) Butylbenzylphthalate	13.39	149	531907	40.41	ng		96
80) Benzo(a)anthracene	13.95	228	823458	36.62	ng		98
81) 3,3'-Dichlorobenzidine	13.92	252	568057	37.79	ng		98
82) Chrysene	13.99	228	911273	37.28	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	638236	39.06	ng	#	100
84) Di-n-octyl phthalate	14.56	149	1044606	40.82	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.72	276	738228	40.76	ng		97
87) Benzo(b)fluoranthene	14.97	252	779500m	40.57	ng		
88) Benzo(k)fluoranthene	14.99	252	718628m	35.85	ng		
89) Benzo(a)pyrene	15.30	252	691552	38.12	ng	#	95
90) Dibenzo(a,h)anthracene	16.74	278	611889	41.21	ng		98
91) Benzo(g,h,i)perylene	17.13	276	619345	41.63	ng		96

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

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