Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF060116\
Data File : BF087642.D
Acq On : 2 Jun 2016 6:31
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 02 12:28:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	227177	20.00	ng		-0.09
21) Naphthalene-d8	9.46	136	900173	20.00	ng		-0.09
38) Acenaphthene-d10	12.28	164	433333	20.00	ng		-0.10
63) Phenanthrene-d10	14.69	188	790035	20.00	ng		-0.09
75) Chrysene-d12	18.40	240	553331	20.00	ng		-0.08
86) Perylene-d12	20.08	264	460602	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	970465	75.06	ng		-0.09
7) Phenol-d6	7.00	99	1210893	69.31	ng		-0.07
23) Nitrobenzene-d5	8.36	82	1289905	72.22	ng		-0.08
41) 2,4,6-Tribromophenol	13.59	330	284401	68.30	ng		-0.09
44) 2-Fluorobiphenyl	11.23	172	1980412	64.43	ng		-0.10
78) Terphenyl-d14	17.05	244	2004728	77.03	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	1.71	88	221045	32.40	ng	#	77
3) Pyridine	2.28	79	508239m	34.08	ng		
4) n-Nitrosodimethylamine	2.28	42	411403	35.80	ng	#	47
6) Aniline	6.94	93	813913	36.01	ng		94
8) 2-Chlorophenol	7.12	128	558735	34.65	ng		93
9) Benzaldehyde	6.75	77	336333	34.87	ng		98
10) Phenol	7.03	94	671886	35.22	ng		83
11) bis(2-Chloroethyl)ether	7.07	93	513197	33.24	ng		84
12) 1,3-Dichlorobenzene	7.32	146	587992	33.44	ng	#	96
13) 1,4-Dichlorobenzene	7.45	146	614288m	34.03	ng		
14) 1,2-Dichlorobenzene	7.68	146	569698	34.11	ng		96
15) Benzyl Alcohol	7.75	79	498069	39.11	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.92	45	1083975	31.20	ng		88
17) 2-Methylphenol	7.96	107	455360	35.24	ng	#	89
18) Hexachloroethane	8.19	117	232594	34.53	ng	#	91
19) n-Nitroso-di-n-propylamine	8.17	70	426629	32.75	ng	#	71
20) 3+4-Methylphenols	8.23	107	561774	35.96	ng	#	60
22) Acetophenone	8.14	105	772728	35.93	ng	#	97
24) Nitrobenzene	8.39	77	678666	36.00	ng		97
25) Isophorone	8.79	82	1145160	35.75	ng	#	98
26) 2-Nitrophenol	8.89	139	280295	36.37	ng	#	73
27) 2,4-Dimethylphenol	9.04	122	453568	33.90	ng	#	84
28) bis(2-Chloroethoxy)methane	9.15	93	612691	33.96	ng	#	98
29) 2,4-Dichlorophenol	9.31	162	432566	35.88	ng		98
30) 1,2,4-Trichlorobenzene	9.38	180	473523	34.31	ng		96
31) Naphthalene	9.50	128	1587982	35.20	ng		99
32) Benzoic acid	9.45	122	243050	36.82	ng	#	73
33) 4-Chloroaniline	9.64	127	620789	37.37	ng	#	89
34) Hexachlorobutadiene	9.69	225	289865	34.55	ng		99
35) Caprolactam	10.34	113	136976m	38.92	ng		
36) 4-Chloro-3-methylphenol	10.54	107	515446	37.81	ng		94
37) 2-Methylnaphthalene	10.62	142	982923	34.88	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	10.89	216	453717	32.71	ng		98
40) Hexachlorocyclopentadiene	10.86	237	84146	22.46	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	266733	33.32	ng		94
43) 2,4,5-Trichlorophenol	11.22	196	248852	30.52	ng	#	82
45) 1,1'-Biphenyl	11.38	154	1225939	33.60	ng		97
46) 2-Chloronaphthalene	11.40	162	929460	33.30	ng		94
47) 2-Nitroaniline	11.63	65	378620	37.65	ng	#	71
48) Acenaphthylene	12.06	152	1381632	31.27	ng		99
49) Dimethylphthalate	11.95	163	1133529	32.65	ng		100
50) 2,6-Dinitrotoluene	12.06	165	240064	34.32	ng	#	71
51) Acenaphthene	12.34	154	895768	32.98	ng		98
52) 3-Nitroaniline	12.33	138	262101	36.51	ng		88
53) 2,4-Dinitrophenol	12.56	184	86213	28.66	ng	#	79
54) Dibenzofuran	12.63	168	1221846	33.23	ng		96
55) 4-Nitrophenol	12.77	139	79708m	23.28	ng		
56) 2,4-Dinitrotoluene	12.72	165	341364	36.52	ng		95
57) Fluorene	13.18	166	1021352	32.03	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.88	232	189305	30.18	ng		98
59) Diethylphthalate	13.10	149	1143596	33.89	ng		98
60) 4-Chlorophenyl-phenylether	13.20	204	493146	31.71	ng		99
61) 4-Nitroaniline	13.35	138	242574	36.20	ng	#	66
62) Azobenzene	13.46	77	1246455	35.60	ng		87
64) 4,6-Dinitro-2-methylphenol	13.39	198	159869	31.82	ng	#	76
65) n-Nitrosodiphenylamine	13.43	169	874557	34.23	ng		99
66) 4-Bromophenyl-phenylether	13.99	248	299214	34.62	ng		93
67) Hexachlorobenzene	14.06	284	314508	34.79	ng	#	66
68) Atrazine	14.34	200	126805	15.57	ng		92
69) Pentachlorophenol	14.45	266	50338	22.71	ng		96
70) Phenanthrene	14.73	178	1508462	34.47	ng		99
71) Anthracene	14.81	178	1504198	34.03	ng		100
72) Carbazole	15.11	167	1287558	34.15	ng		98
73) Di-n-butylphthalate	15.68	149	1673754	34.33	ng	#	98
74) Fluoranthene	16.50	202	1525244	34.76	ng		91
76) Benzidine	16.73	184	441576	31.02	ng		97
77) Pyrene	16.80	202	1490319	37.42	ng		100
79) Butylbenzylphthalate	17.71	149	693840	39.28	ng		94
80) Benzo(a)anthracene	18.39	228	1067966	33.93	ng		99
81) 3,3'-Dichlorobenzidine	18.38	252	638747	36.74	ng	#	96
82) Chrysene	18.43	228	1028376	32.92	ng		99
83) Bis(2-ethylhexyl)phthalate	18.45	149	840292	32.60	ng		96
84) Di-n-octyl phthalate	19.22	149	1290206	32.83	ng	#	83
85) Indeno(1,2,3-cd)pyrene	21.28	276	972259	38.83	ng	#	93
87) Benzo(b)fluoranthene	19.67	252	817118m	27.85	ng		
88) Benzo(k)fluoranthene	19.69	252	999817m	39.59	ng		
89) Benzo(a)pyrene	20.02	252	853394	33.63	ng		97
90) Dibenzo(a,h)anthracene	21.28	278	812605	37.55	ng	#	93
91) Benzo(g,h,i)perylene	21.63	276	783540	36.69	ng	#	90

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

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