Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
Data File : BF093691.D
Acq On : 16 Mar 2017 4:12
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 16 04:42:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	142538	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	545459	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	203645	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	294811	20.00	ng		0.00
75) Chrysene-d12	13.89	240	307366	20.00	ng		0.00
86) Perylene-d12	15.29	264	266175	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	723195	84.44	ng		-0.01
7) Phenol-d6	6.38	99	872831	80.82	ng		0.00
23) Nitrobenzene-d5	7.29	82	865877	88.08	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	105056	79.18	ng		0.01
44) 2-Fluorobiphenyl	9.09	172	1104837	100.91	ng		0.00
78) Terphenyl-d14	12.82	244	852958	72.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	223808	47.44	ng	#	86
3) Pyridine	2.85	79	498659	41.46	ng		86
4) n-Nitrosodimethylamine	2.81	42	250493	43.60	ng		84
6) Aniline	6.38	93	614828	41.48	ng	#	63
8) 2-Chlorophenol	6.50	128	388843	40.52	ng		99
9) Benzaldehyde	6.26	77	260273	38.99	ng		99
10) Phenol	6.39	94	585253	44.22	ng		82
11) bis(2-Chloroethyl)ether	6.45	93	485721	45.41	ng		92
12) 1,3-Dichlorobenzene	6.64	146	461870m	42.05	ng		
13) 1,4-Dichlorobenzene	6.72	146	475397	42.28	ng		99
14) 1,2-Dichlorobenzene	6.88	146	415795	41.75	ng		95
15) Benzyl Alcohol	6.87	79	233375	30.31	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.00	45	808270	45.49	ng		59
17) 2-Methylphenol	7.00	107	336999	41.52	ng	#	81
18) Hexachloroethane	7.21	117	143423	37.82	ng		94
19) n-Nitroso-di-n-propylamine	7.13	70	294470	39.66	ng	#	87
20) 3+4-Methylphenols	7.17	107	475395	45.16	ng	#	73
22) Acetophenone	7.13	105	570289	43.45	ng	#	97
24) Nitrobenzene	7.30	77	461716	41.79	ng		96
25) Isophorone	7.54	82	773843	39.03	ng		94
26) 2-Nitrophenol	7.62	139	180431	35.79	ng		93
27) 2,4-Dimethylphenol	7.68	122	311668	38.01	ng		95
28) bis(2-Chloroethoxy)methane	7.76	93	530187	42.36	ng		100
29) 2,4-Dichlorophenol	7.89	162	306159	39.69	ng		92
30) 1,2,4-Trichlorobenzene	7.94	180	324259	39.52	ng		96
31) Naphthalene	8.02	128	1074876	39.32	ng		99
32) Benzoic acid	7.83	122	60687	14.24	ng		91
33) 4-Chloroaniline	8.09	127	405396	36.55	ng		98
34) Hexachlorobutadiene	8.14	225	175708	41.58	ng		98
35) Caprolactam	8.46	113	81846	31.06	ng	#	23
36) 4-Chloro-3-methylphenol	8.60	107	290644	35.30	ng	#	88
37) 2-Methylnaphthalene	8.72	142	636857	36.62	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	278014	50.00	ng		99
40) Hexachlorocyclopentadiene	8.87	237	2273	13.46	ng		92

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	155341	44.71 ng		94
43) 2,4,5-Trichlorophenol	9.08	196	155717	41.77 ng		95
45) 1,1'-Biphenyl	9.18	154	709550	47.83 ng		95
46) 2-Chloronaphthalene	9.21	162	559358	49.26 ng		96
47) 2-Nitroaniline	9.33	65	205478	51.19 ng		95
48) Acenaphthylene	9.62	152	884841	47.25 ng		98
49) Dimethylphthalate	9.49	163	617242	45.72 ng		99
50) 2,6-Dinitrotoluene	9.57	165	132411	44.70 ng		93
51) Acenaphthene	9.80	154	501242	45.26 ng		97
52) 3-Nitroaniline	9.74	138	156581	43.99 ng		90
54) Dibenzofuran	9.97	168	685362	49.44 ng		92
55) 4-Nitrophenol	9.96	139	52377m	30.30 ng		
56) 2,4-Dinitrotoluene	9.98	165	163143	44.83 ng		97
57) Fluorene	10.31	166	523800	44.59 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	107310	40.79 ng	#	90
59) Diethylphthalate	10.18	149	548261	42.49 ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	239269	45.45 ng		87
61) 4-Nitroaniline	10.36	138	136726	37.56 ng		91
62) Azobenzene	10.46	77	546639	37.28 ng		96
64) 4,6-Dinitro-2-methylphenol	10.40	198	11624	6.09 ng	#	62
65) n-Nitrosodiphenylamine	10.42	169	436049	44.30 ng		99
66) 4-Bromophenyl-phenylether	10.79	248	129750	41.62 ng	#	84
67) Hexachlorobenzene	10.86	284	129984	43.66 ng		98
68) Atrazine	10.96	200	110257	38.27 ng		91
69) Pentachlorophenol	11.08	266	22178	21.58 ng		98
70) Phenanthrene	11.27	178	667702	39.68 ng		98
71) Anthracene	11.32	178	706932	41.53 ng		97
72) Carbazole	11.49	167	690246	43.16 ng		98
73) Di-n-butylphthalate	11.81	149	797923	43.13 ng	#	96
74) Fluoranthene	12.46	202	735617	45.26 ng		95
76) Benzidine	12.60	184	376637	37.26 ng		98
77) Pyrene	12.69	202	757452	33.88 ng		99
79) Butylbenzylphthalate	13.29	149	328797	34.94 ng		96
80) Benzo(a)anthracene	13.88	228	710614	39.15 ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	258325	40.63 ng	#	97
82) Chrysene	13.91	228	633797	37.74 ng		98
83) Bis(2-ethylhexyl)phthalate	13.85	149	471350	35.94 ng		100
84) Di-n-octyl phthalate	14.47	149	882139	40.35 ng		100
85) Indeno(1,2,3-cd)pyrene	16.64	276	535759	38.11 ng	#	93
87) Benzo(b)fluoranthene	14.89	252	615262m	37.95 ng		
88) Benzo(k)fluoranthene	14.93	252	656288m	41.98 ng		
89) Benzo(a)pyrene	15.24	252	594252	40.11 ng		99
90) Dibenzo(a,h)anthracene	16.64	278	470048	38.35 ng		97
91) Benzo(g,h,i)perylene	17.05	276	451357	35.88 ng	#	93

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

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