Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099951.D
Acq On : 30 Oct 2017 11:34
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 30 16:10:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 16:10:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	85733	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	360256	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	172345	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	313634	20.00	ng		0.00
75) Chrysene-d12	13.98	240	250182	20.00	ng		0.00
86) Perylene-d12	15.45	264	242694	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	446617	81.79	ng		0.00
7) Phenol-d6	6.43	99	519459	80.23	ng		0.00
23) Nitrobenzene-d5	7.36	82	434645	77.67	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	130236	82.92	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	887210	79.42	ng		0.00
78) Terphenyl-d14	12.91	244	869424	75.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	93164	38.634	ng	#	88
3) Pyridine	3.25	79	224296	38.678	ng	#	86
4) n-Nitrosodimethylamine	3.22	42	80486	38.850	ng	#	66
6) Aniline	6.46	93	341301	40.652	ng		96
8) 2-Chlorophenol	6.58	128	238618	40.999	ng		91
9) Benzaldehyde	6.35	77	162683	42.045	ng		91
10) Phenol	6.45	94	287325	40.416	ng		96
11) bis(2-Chloroethyl)ether	6.53	93	223552	40.721	ng		94
12) 1,3-Dichlorobenzene	6.73	146	262230	40.128	ng		96
13) 1,4-Dichlorobenzene	6.80	146	269874	40.690	ng		98
14) 1,2-Dichlorobenzene	6.96	146	250350	41.417	ng		96
15) Benzyl Alcohol	6.94	79	165216	40.122	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	240732	39.475	ng		51
17) 2-Methylphenol	7.05	107	197948	40.660	ng		98
18) Hexachloroethane	7.29	117	87368	39.484	ng		94
19) n-Nitroso-di-n-propylamine	7.20	70	153201	40.374	ng		89
20) 3+4-Methylphenols	7.21	107	238480	42.070	ng	#	60
22) Acetophenone	7.21	105	320061	39.019	ng	#	96
24) Nitrobenzene	7.38	77	222041	39.381	ng		92
25) Isophorone	7.62	82	399440	39.339	ng		96
26) 2-Nitrophenol	7.70	139	134974	41.797	ng	#	82
27) 2,4-Dimethylphenol	7.73	122	190246	39.984	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	283635	39.886	ng		99
29) 2,4-Dichlorophenol	7.94	162	202511	40.971	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	210380	39.835	ng		99
31) Naphthalene	8.09	128	690740	39.721	ng		100
32) Benzoic acid	7.90	122	169224	40.406	ng		94
33) 4-Chloroaniline	8.15	127	297223	41.391	ng	#	94
34) Hexachlorobutadiene	8.20	225	109114	40.168	ng		97
35) Caprolactam	8.54	113	65082	41.870	ng	#	75
36) 4-Chloro-3-methylphenol	8.64	107	202555	40.150	ng		92
37) 2-Methylnaphthalene	8.79	142	466102	39.996	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	222873	40.040	ng	#	98
40) Hexachlorocyclopentadiene	8.93	237	27859	35.378	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	131677	39.108	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	138891	38.873	ng	#	93
45) 1,1'-Biphenyl	9.25	154	605892	38.861	ng		98
46) 2-Chloronaphthalene	9.27	162	439390	38.806	ng		97
47) 2-Nitroaniline	9.39	65	116689	39.266	ng	#	84
48) Acenaphthylene	9.69	152	679601	38.969	ng		99
49) Dimethylphthalate	9.55	163	520746	38.155	ng		100
50) 2,6-Dinitrotoluene	9.63	165	112048	39.052	ng	#	80
51) Acenaphthene	9.86	154	415125	38.957	ng		99
52) 3-Nitroaniline	9.80	138	137648	40.715	ng		82
53) 2,4-Dinitrophenol	9.93	184	32859	32.679	ng		90
54) Dibenzofuran	10.03	168	592317	39.379	ng		99
55) 4-Nitrophenol	9.99	139	65275	36.953	ng	#	79
56) 2,4-Dinitrotoluene	10.04	165	140134	40.556	ng		94
57) Fluorene	10.38	166	491533	39.468	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	103878	41.466	ng		90
59) Diethylphthalate	10.25	149	520182	39.029	ng		96
60) 4-Chlorophenyl-phenylether	10.37	204	232462	39.661	ng		91
61) 4-Nitroaniline	10.42	138	129196	40.055	ng		83
62) Azobenzene	10.53	77	433797	38.827	ng		91
64) 4,6-Dinitro-2-methylphenol	10.46	198	77379	39.248	ng	#	74
65) n-Nitrosodiphenylamine	10.49	169	458500	39.602	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	134751	40.811	ng		92
67) Hexachlorobenzene	10.93	284	135433	40.093	ng	#	89
68) Atrazine	11.02	200	133369	38.349	ng		98
69) Pentachlorophenol	11.13	266	58745	40.699	ng		99
70) Phenanthrene	11.34	178	693181	39.163	ng		99
71) Anthracene	11.40	178	715189	39.807	ng		99
72) Carbazole	11.56	167	667993	39.537	ng		98
73) Di-n-butylphthalate	11.87	149	830538	38.541	ng	#	98
74) Fluoranthene	12.54	202	722879	39.299	ng		99
76) Benzidine	12.66	184	385038	35.172	ng		99
77) Pyrene	12.77	202	740781	38.940	ng		98
79) Butylbenzylphthalate	13.37	149	352716	37.652	ng		92
80) Benzo(a)anthracene	13.97	228	612668	38.630	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	218667	37.982	ng	#	97
82) Chrysene	14.00	228	576907	38.692	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	461208	35.058	ng		98
84) Di-n-octyl phthalate	14.55	149	834583	36.962	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.94	276	549871	40.172	ng		97
87) Benzo(b)fluoranthene	15.03	252	582413	38.004	ng		99
88) Benzo(k)fluoranthene	15.06	252	546030	37.785	ng		99
89) Benzo(a)pyrene	15.39	252	532758	38.701	ng		98
90) Dibenzo(a,h)anthracene	16.94	278	466605	38.146	ng		99
91) Benzo(g,h,i)perylene	17.39	276	463286	38.713	ng		98

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

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