Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104119.D
Acq On : 31 Mar 2018 3:57
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/2/2018 5:06:14 PM

Quant Time: Mar 31 05:01:12 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 30 17:20:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	92860	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	374485	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	157316	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	242592	20.00	ng		0.00
75) Chrysene-d12	14.14	240	192853	20.00	ng		0.00
86) Perylene-d12	15.69	264	171833	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	417506	71.70	ng		0.00
7) Phenol-d6	6.59	99	566379	79.06	ng		0.00
23) Nitrobenzene-d5	7.53	82	513501	83.86	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	129000	73.64	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	961373	96.37	ng		0.00
78) Terphenyl-d14	13.07	244	708634	84.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	98396	39.180	ng		86
3) Pyridine	3.58	79	222567	35.007	ng	#	84
4) n-Nitrosodimethylamine	3.56	42	53990m	28.570	ng		
6) Aniline	6.63	93	330529	38.541	ng		91
8) 2-Chlorophenol	6.75	128	264966	41.483	ng		97
9) Benzaldehyde	6.52	77	110249	26.755	ng		99
10) Phenol	6.61	94	295343	37.208	ng		98
11) bis(2-Chloroethyl)ether	6.69	93	295916	43.263	ng		87
12) 1,3-Dichlorobenzene	6.90	146	279650	38.948	ng		99
13) 1,4-Dichlorobenzene	6.97	146	324890	42.230	ng		99
14) 1,2-Dichlorobenzene	7.13	146	285531	41.292	ng		99
15) Benzyl Alcohol	7.10	79	169583	36.408	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	300128	40.276	ng		60
17) 2-Methylphenol	7.21	107	206672	39.755	ng	#	93
18) Hexachloroethane	7.46	117	93935	36.468	ng		98
19) n-Nitroso-di-n-propylamine	7.36	70	175156	41.199	ng		91
20) 3+4-Methylphenols	7.36	107	283485	42.727	ng	#	76
22) Acetophenone	7.37	105	386874	42.698	ng	#	99
24) Nitrobenzene	7.55	77	270106	41.923	ng		98
25) Isophorone	7.77	82	448892	39.778	ng		97
26) 2-Nitrophenol	7.86	139	114121	33.933	ng		95
27) 2,4-Dimethylphenol	7.89	122	181101	37.338	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	290870	41.125	ng		99
29) 2,4-Dichlorophenol	8.10	162	204683	40.402	ng		96
30) 1,2,4-Trichlorobenzene	8.18	180	243786	42.411	ng		98
31) Naphthalene	8.26	128	718416	39.269	ng		99
32) Benzoic acid	8.02	122	133267m	37.506	ng		
33) 4-Chloroaniline	8.32	127	312242	40.483	ng		97
34) Hexachlorobutadiene	8.37	225	132649	42.407	ng		99
35) Caprolactam	8.69	113	59587	37.094	ng	#	75
36) 4-Chloro-3-methylphenol	8.79	107	209927	39.176	ng		98
37) 2-Methylnaphthalene	8.95	142	474893	39.407	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	215988	44.772	ng		97
40) Hexachlorocyclopentadiene	9.09	237	13043	10.744	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	120534	39.458	ng		99
43) 2,4,5-Trichlorophenol	9.28	196	154872	41.990	ng		94
45) 1,1'-Biphenyl	9.42	154	601584	44.555	ng		99
46) 2-Chloronaphthalene	9.45	162	469363	44.070	ng		99
47) 2-Nitroaniline	9.55	65	127411	41.953	ng		90
48) Acenaphthylene	9.86	152	671225	41.600	ng		99
49) Dimethylphthalate	9.71	163	535739	43.133	ng		100
50) 2,6-Dinitrotoluene	9.78	165	108756	40.699	ng		97
51) Acenaphthene	10.03	154	400473	42.904	ng		99
52) 3-Nitroaniline	9.97	138	131520	42.816	ng		97
53) 2,4-Dinitrophenol	10.10	184	731	6.155	ng	#	1
54) Dibenzofuran	10.20	168	554328	40.668	ng		99
55) 4-Nitrophenol	10.15	139	40628	22.058	ng		91
56) 2,4-Dinitrotoluene	10.19	165	126433	37.079	ng		92
57) Fluorene	10.55	166	447137	39.768	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	102215	36.989	ng	#	85
59) Diethylphthalate	10.40	149	501617	42.157	ng		99
60) 4-Chlorophenyl-phenylether	10.53	204	218549	42.321	ng		97
61) 4-Nitroaniline	10.59	138	112418	39.112	ng		90
62) Azobenzene	10.70	77	420418	39.075	ng		94
64) 4,6-Dinitro-2-methylphenol	10.60	198	12437	8.469	ng		88
65) n-Nitrosodiphenylamine	10.66	169	396978	48.319	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	117478	45.264	ng		89
67) Hexachlorobenzene	11.09	284	129201	43.276	ng		94
68) Atrazine	11.17	200	107191	42.587	ng		98
69) Pentachlorophenol	11.29	266	72535	44.152	ng		94
70) Phenanthrene	11.52	178	534238	40.675	ng		98
71) Anthracene	11.57	178	605038	44.102	ng		98
72) Carbazole	11.73	167	539107	41.172	ng		99
73) Di-n-butylphthalate	12.03	149	716116	45.914	ng		99
74) Fluoranthene	12.71	202	531999	38.106	ng		97
76) Benzidine	12.84	184	268076	48.778	ng		99
77) Pyrene	12.94	202	534873	38.582	ng		99
79) Butylbenzylphthalate	13.54	149	259899	39.792	ng		99
80) Benzo(a)anthracene	14.13	228	460059	38.125	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	174986	43.809	ng	#	98
82) Chrysene	14.17	228	508451	43.019	ng		97
83) Bis(2-ethylhexyl)phthalate	14.09	149	354725	42.034	ng		100
84) Di-n-octyl phthalate	14.72	149	585207	40.313	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.27	276	403579	32.951	ng		96
87) Benzo(b)fluoranthene	15.23	252	422543	40.405	ng		99
88) Benzo(k)fluoranthene	15.26	252	463722	47.073	ng		97
89) Benzo(a)pyrene	15.62	252	395969	40.860	ng		99
90) Dibenzo(a,h)anthracene	17.28	278	342047	38.175	ng		97
91) Benzo(g,h,i)perylene	17.75	276	321188	35.789	ng		95

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

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