Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101886.D
Acq On : 4 Jan 2018 13:03
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/5/2018 10:29:15 AM

Quant Time: Jan 05 02:56:06 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 04 14:22:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	97465	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	380934	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	171635	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	332562	20.00	ng		0.00
75) Chrysene-d12	13.96	240	264052	20.00	ng		0.00
86) Perylene-d12	15.42	264	240369	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	556805	85.10	ng		0.00
7) Phenol-d6	6.42	99	626256	76.91	ng		0.00
23) Nitrobenzene-d5	7.35	82	545327	79.69	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	140256	84.81	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	913278	82.54	ng		0.00
78) Terphenyl-d14	12.88	244	860020	78.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	130494	38.813	ng		98
3) Pyridine	3.22	79	320793m	34.342	ng		
4) n-Nitrosodimethylamine	3.18	42	144444	33.584	ng		99
6) Aniline	6.44	93	415350	36.703	ng	#	75
8) 2-Chlorophenol	6.56	128	273129	39.682	ng		97
9) Benzaldehyde	6.34	77	236048	39.250	ng		97
10) Phenol	6.43	94	335783	36.178	ng	#	63
11) bis(2-Chloroethyl)ether	6.51	93	277402	38.103	ng		96
12) 1,3-Dichlorobenzene	6.71	146	308400	39.700	ng		98
13) 1,4-Dichlorobenzene	6.79	146	319489	40.275	ng		98
14) 1,2-Dichlorobenzene	6.94	146	282905	39.620	ng		98
15) Benzyl Alcohol	6.93	79	224747	40.098	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	410212	36.817	ng	#	33
17) 2-Methylphenol	7.05	107	236582	37.367	ng	#	89
18) Hexachloroethane	7.27	117	106340	38.556	ng		97
19) n-Nitroso-di-n-propylamine	7.19	70	206704	38.652	ng		95
20) 3+4-Methylphenols	7.20	107	313775	46.768	ng	#	87
22) Acetophenone	7.19	105	380987	43.832	ng		98
24) Nitrobenzene	7.36	77	307432	40.592	ng		99
25) Isophorone	7.60	82	506165	36.871	ng		99
26) 2-Nitrophenol	7.68	139	145380	44.680	ng		96
27) 2,4-Dimethylphenol	7.72	122	221013	39.982	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	336096	38.542	ng		99
29) 2,4-Dichlorophenol	7.94	162	225362	41.266	ng		100
30) 1,2,4-Trichlorobenzene	8.00	180	225185	39.073	ng		98
31) Naphthalene	8.07	128	763374	39.805	ng		99
32) Benzoic acid	7.89	122	132067	37.538	ng		98
33) 4-Chloroaniline	8.14	127	333478	40.008	ng		99
34) Hexachlorobutadiene	8.17	225	132289	39.687	ng		99
35) Caprolactam	8.52	113	70556m	37.207	ng		
36) 4-Chloro-3-methylphenol	8.63	107	241930	40.305	ng		97
37) 2-Methylnaphthalene	8.76	142	494100	39.545	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	234877	40.532	ng		97
40) Hexachlorocyclopentadiene	8.90	237	36133	43.280	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	134941	38.680	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	129674	33.947	ng		96
45) 1,1'-Biphenyl	9.23	154	612948	40.269	ng		100
46) 2-Chloronaphthalene	9.26	162	463080	39.760	ng		97
47) 2-Nitroaniline	9.37	65	165815	41.212	ng		96
48) Acenaphthylene	9.67	152	729766	39.670	ng		100
49) Dimethylphthalate	9.53	163	541041	39.190	ng		99
50) 2,6-Dinitrotoluene	9.61	165	111763	39.831	ng	#	86
51) Acenaphthene	9.84	154	432640	39.145	ng		99
52) 3-Nitroaniline	9.79	138	148030	42.315	ng		94
53) 2,4-Dinitrophenol	9.98	184	42819m	48.483	ng		
54) Dibenzofuran	10.02	168	622233	44.301	ng		97
55) 4-Nitrophenol	9.99	139	76380	50.072	ng		97
56) 2,4-Dinitrotoluene	10.03	165	163093	51.590	ng	#	96
57) Fluorene	10.36	166	506395	42.620	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	104433	38.053	ng	#	85
59) Diethylphthalate	10.23	149	534330	39.083	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	248139	43.576	ng		88
61) 4-Nitroaniline	10.41	138	141289	40.181	ng		96
62) Azobenzene	10.50	77	529473	37.385	ng		97
64) 4,6-Dinitro-2-methylphenol	10.46	198	68837	40.562	ng	#	43
65) n-Nitrosodiphenylamine	10.47	169	466462	37.986	ng		95
66) 4-Bromophenyl-phenylether	10.83	248	148852	39.834	ng	#	87
67) Hexachlorobenzene	10.91	284	157024	39.704	ng		93
68) Atrazine	11.00	200	139261	38.034	ng		94
69) Pentachlorophenol	11.13	266	53507m	38.496	ng		
70) Phenanthrene	11.33	178	727556	39.340	ng		99
71) Anthracene	11.38	178	749701	39.685	ng		99
72) Carbazole	11.54	167	709228	40.098	ng		99
73) Di-n-butylphthalate	11.84	149	828816	38.608	ng		99
74) Fluoranthene	12.52	202	780400	40.201	ng		98
76) Benzidine	12.64	184	401403	35.993	ng		99
77) Pyrene	12.75	202	795862	40.160	ng		99
79) Butylbenzylphthalate	13.34	149	357085	39.823	ng		99
80) Benzo(a)anthracene	13.94	228	658636	37.775	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	223250	39.268	ng		99
82) Chrysene	13.98	228	644722	39.163	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	441904	38.909	ng	#	98
84) Di-n-octyl phthalate	14.50	149	760390	37.541	ng		99
85) Indeno(1,2,3-cd)pyrene	16.90	276	536816	36.618	ng		97
87) Benzo(b)fluoranthene	14.99	252	593225	40.490	ng		98
88) Benzo(k)fluoranthene	15.02	252	546167	38.341	ng		97
89) Benzo(a)pyrene	15.36	252	523632	38.770	ng		99
90) Dibenzo(a,h)anthracene	16.89	278	451027	38.894	ng		98
91) Benzo(g,h,i)perylene	17.34	276	459926	40.054	ng		97

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

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