Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102587.D
Acq On : 29 Jan 2018 10:22
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/30/2018 3:36:18 PM

Quant Time: Jan 30 00:25:00 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	133607	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	504554	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	224786	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	385953	20.00	ng		0.00
75) Chrysene-d12	13.88	240	277120	20.00	ng		0.00
86) Perylene-d12	15.30	264	218965	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	722652	82.01	ng		0.00
7) Phenol-d6	6.36	99	846610	79.69	ng		0.00
23) Nitrobenzene-d5	7.29	82	797672	90.85	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	153398	68.87	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1189920	77.83	ng		0.00
78) Terphenyl-d14	12.82	244	966464	78.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	178914	42.734	ng		97
3) Pyridine	3.07	79	460739	42.111	ng		98
4) n-Nitrosodimethylamine	3.03	42	171762	40.044	ng		99
6) Aniline	6.38	93	555712	39.549	ng	#	75
8) 2-Chlorophenol	6.50	128	372378	40.314	ng		95
9) Benzaldehyde	6.27	77	240073	41.121	ng		96
10) Phenol	6.37	94	448990	38.714	ng	#	59
11) bis(2-Chloroethyl)ether	6.45	93	353690	40.097	ng		92
12) 1,3-Dichlorobenzene	6.65	146	422813	38.488	ng		98
13) 1,4-Dichlorobenzene	6.73	146	435768	39.600	ng		98
14) 1,2-Dichlorobenzene	6.89	146	402848	40.022	ng		97
15) Benzyl Alcohol	6.86	79	288833	38.535	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	593417	40.112	ng		82
17) 2-Methylphenol	6.98	107	319214	39.792	ng	#	94
18) Hexachloroethane	7.22	117	156469	40.804	ng		96
19) n-Nitroso-di-n-propylamine	7.13	70	254647	39.170	ng		96
20) 3+4-Methylphenols	7.14	107	405547	42.984	ng		93
22) Acetophenone	7.13	105	517949	43.063	ng	#	95
24) Nitrobenzene	7.30	77	412680	45.929	ng		98
25) Isophorone	7.54	82	712290	45.507	ng		99
26) 2-Nitrophenol	7.62	139	215586	45.589	ng		97
27) 2,4-Dimethylphenol	7.66	122	312723	45.542	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	450135	46.554	ng		99
29) 2,4-Dichlorophenol	7.86	162	272258	38.924	ng		99
30) 1,2,4-Trichlorobenzene	7.94	180	284388	37.929	ng		99
31) Naphthalene	8.02	128	973059	38.626	ng		100
32) Benzoic acid	7.80	122	209440	36.405	ng		98
33) 4-Chloroaniline	8.07	127	414699	39.147	ng		99
34) Hexachlorobutadiene	8.13	225	153412	38.309	ng		99
35) Caprolactam	8.45	113	87220m	37.757	ng		
36) 4-Chloro-3-methylphenol	8.57	107	287378	38.978	ng		94
37) 2-Methylnaphthalene	8.71	142	635058	37.853	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	261477	38.663	ng		99
40) Hexachlorocyclopentadiene	8.86	237	117336	38.769	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	162193	35.826	ng		100
43) 2,4,5-Trichlorophenol	9.04	196	188307	36.942	ng		98
45) 1,1'-Biphenyl	9.17	154	765441	38.083	ng		99
46) 2-Chloronaphthalene	9.20	162	600915	38.463	ng		99
47) 2-Nitroaniline	9.30	65	193630	39.754	ng		94
48) Acenaphthylene	9.62	152	924690	37.991	ng		99
49) Dimethylphthalate	9.47	163	694647	37.387	ng		100
50) 2,6-Dinitrotoluene	9.55	165	150978	37.689	ng		98
51) Acenaphthene	9.79	154	536853	37.766	ng		99
52) 3-Nitroaniline	9.72	138	187439	39.554	ng		98
53) 2,4-Dinitrophenol	9.83	184	102406	58.040	ng	#	21
54) Dibenzofuran	9.96	168	740770	38.505	ng		98
55) 4-Nitrophenol	9.90	139	141092	45.104	ng		90
56) 2,4-Dinitrotoluene	9.96	165	180387	36.618	ng	#	90
57) Fluorene	10.30	166	610892	40.073	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	128409	35.282	ng		96
59) Diethylphthalate	10.17	149	657661	36.425	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	260556	39.422	ng		97
61) 4-Nitroaniline	10.33	138	169606	35.867	ng		90
62) Azobenzene	10.45	77	621341	37.587	ng		98
64) 4,6-Dinitro-2-methylphenol	10.37	198	92421	35.893	ng		86
65) n-Nitrosodiphenylamine	10.42	169	540734	38.171	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	156177	37.590	ng		93
67) Hexachlorobenzene	10.85	284	165233	35.560	ng		99
68) Atrazine	10.95	200	158554	37.897	ng		99
69) Pentachlorophenol	11.05	266	96339	39.468	ng		98
70) Phenanthrene	11.26	178	852933	37.924	ng		99
71) Anthracene	11.32	178	885221	38.562	ng		100
72) Carbazole	11.47	167	867823	38.751	ng		99
73) Di-n-butylphthalate	11.79	149	1039750	37.143	ng		99
74) Fluoranthene	12.45	202	851047	37.107	ng		99
76) Benzidine	12.57	184	488644	52.489	ng		99
77) Pyrene	12.68	202	876405	40.904	ng		99
79) Butylbenzylphthalate	13.29	149	425267	39.884	ng		97
80) Benzo(a)anthracene	13.87	228	685646	40.187	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	240921	38.494	ng		99
82) Chrysene	13.90	228	670339	38.690	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	564390	39.387	ng	#	100
84) Di-n-octyl phthalate	14.46	149	836863	35.912	ng		100
85) Indeno(1,2,3-cd)pyrene	16.72	276	462804	32.344	ng		97
87) Benzo(b)fluoranthene	14.90	252	550328	38.777	ng		98
88) Benzo(k)fluoranthene	14.93	252	563945	42.059	ng		99
89) Benzo(a)pyrene	15.25	252	503657	39.349	ng		96
90) Dibenzo(a,h)anthracene	16.72	278	377605	36.418	ng		98
91) Benzo(g,h,i)perylene	17.13	276	384199	37.528	ng		98

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