Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104725.D
Acq On : 23 Apr 2018 23:36
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/24/2018 3:49:08 PM

Quant Time: Apr 24 02:08:18 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	125460	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	519607	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	221570	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	361694	20.00	ng		0.00
75) Chrysene-d12	13.99	240	222428	20.00	ng		0.00
86) Perylene-d12	15.46	264	176830	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	584785	71.27	ng		0.00
7) Phenol-d6	6.46	99	721516	71.57	ng		0.01
23) Nitrobenzene-d5	7.38	82	651322	81.85	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	152345	66.28	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1108152	79.01	ng		0.00
78) Terphenyl-d14	12.93	244	895888	91.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	130420	34.113	ng		89
3) Pyridine	3.22	79	367236	34.164	ng	#	87
4) n-Nitrosodimethylamine	3.18	42	121780	32.410	ng	#	79
6) Aniline	6.47	93	491142	35.066	ng	#	73
8) 2-Chlorophenol	6.60	128	324278	37.445	ng		96
9) Benzaldehyde	6.36	77	190385	36.171	ng		96
10) Phenol	6.47	94	391483	36.599	ng	#	70
11) bis(2-Chloroethyl)ether	6.55	93	320682	37.568	ng		97
12) 1,3-Dichlorobenzene	6.75	146	366801	37.387	ng		99
13) 1,4-Dichlorobenzene	6.83	146	370029	37.836	ng		98
14) 1,2-Dichlorobenzene	6.98	146	347851	38.381	ng		99
15) Benzyl Alcohol	6.96	79	257383	33.614	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	387548	33.807	ng		71
17) 2-Methylphenol	7.07	107	279055	37.069	ng	#	91
18) Hexachloroethane	7.32	117	89990	25.808	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	223349	33.904	ng		93
20) 3+4-Methylphenols	7.23	107	336982	36.093	ng	#	78
22) Acetophenone	7.22	105	474486	37.091	ng		99
24) Nitrobenzene	7.40	77	342836	39.023	ng		99
25) Isophorone	7.63	82	598976	35.596	ng		99
26) 2-Nitrophenol	7.71	139	98992	27.677	ng		95
27) 2,4-Dimethylphenol	7.75	122	257821	34.717	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	381039	37.036	ng		99
29) 2,4-Dichlorophenol	7.96	162	255421	36.047	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	294420	37.861	ng		98
31) Naphthalene	8.12	128	950151	36.723	ng		99
32) Benzoic acid	7.85	122	90751m	15.316	ng		
33) 4-Chloroaniline	8.17	127	410999	37.078	ng		98
34) Hexachlorobutadiene	8.23	225	162501	38.151	ng		99
35) Caprolactam	8.55	113	85612	34.634	ng	#	82
36) 4-Chloro-3-methylphenol	8.66	107	270642	35.621	ng		99
37) 2-Methylnaphthalene	8.81	142	609704	36.430	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	264914	41.767	ng		99
40) Hexachlorocyclopentadiene	8.95	237	12007	3.381	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	159563	36.240	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	178558	36.240	ng		96
45) 1,1'-Biphenyl	9.27	154	729270	39.180	ng		99
46) 2-Chloronaphthalene	9.30	162	569230	38.717	ng		99
47) 2-Nitroaniline	9.40	65	179838	49.462	ng		97
48) Acenaphthylene	9.72	152	848396	36.779	ng		100
49) Dimethylphthalate	9.57	163	712877	40.800	ng		100
50) 2,6-Dinitrotoluene	9.64	165	112820	34.895	ng		96
51) Acenaphthene	9.89	154	492342	34.982	ng		99
52) 3-Nitroaniline	9.82	138	179672	47.470	ng		97
53) 2,4-Dinitrophenol	9.93	184	1385	6.686	ng	#	20
54) Dibenzofuran	10.06	168	705213	35.955	ng		98
55) 4-Nitrophenol	9.99	139	66797	22.466	ng		95
56) 2,4-Dinitrotoluene	10.05	165	126261	29.772	ng		97
57) Fluorene	10.40	166	553507	38.771	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	112946	30.727	ng		94
59) Diethylphthalate	10.27	149	680584	39.111	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	264483	41.599	ng		95
61) 4-Nitroaniline	10.43	138	176314	47.641	ng		97
62) Azobenzene	10.55	77	546888	32.895	ng		95
64) 4,6-Dinitro-2-methylphenol	10.46	198	4055	9.297	ng		92
65) n-Nitrosodiphenylamine	10.51	169	501191	39.965	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	157246	40.872	ng		95
67) Hexachlorobenzene	10.95	284	172457	39.838	ng		92
68) Atrazine	11.04	200	132240	34.934	ng		99
69) Pentachlorophenol	11.15	266	92678	34.605	ng		96
70) Phenanthrene	11.37	178	740973	36.787	ng		98
71) Anthracene	11.42	178	752934	36.773	ng		98
72) Carbazole	11.57	167	712431	35.608	ng		100
73) Di-n-butylphthalate	11.90	149	978419	40.033	ng		99
74) Fluoranthene	12.56	202	703535	33.430	ng		99
76) Benzidine	12.68	184	311218	41.801	ng		98
77) Pyrene	12.79	202	707737	42.927	ng		99
79) Butylbenzylphthalate	13.40	149	358241	46.122	ng		97
80) Benzo(a)anthracene	13.98	228	528571	39.778	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	197461	39.855	ng		97
82) Chrysene	14.02	228	508769	37.275	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	502792	50.326	ng		99
84) Di-n-octyl phthalate	14.57	149	731142	43.798	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.93	276	389478	33.591	ng		98
87) Benzo(b)fluoranthene	15.03	252	414125	37.080	ng		98
88) Benzo(k)fluoranthene	15.06	252	424699	40.279	ng		99
89) Benzo(a)pyrene	15.40	252	376444	37.671	ng		99
90) Dibenzo(a,h)anthracene	16.94	278	333620	40.650	ng		98
91) Benzo(g,h,i)perylene	17.37	276	299663	37.687	ng		96

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

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