Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
Data File : BF102555.D
Acq On : 28 Jan 2018 14:13
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/29/2018 5:47:51 PM

Quant Time: Jan 29 03:29:55 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	6.71	152	141897	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	596337	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	269249	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	482722	20.00	ng		0.00
75) Chrysene-d12	13.88	240	377903	20.00	ng		0.00
86) Perylene-d12	15.30	264	354071	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	762167	81.44	ng		0.00
7) Phenol-d6	6.36	99	905691	80.28	ng		0.00
23) Nitrobenzene-d5	7.29	82	807021	77.77	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	185643	69.58	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1374186	75.04	ng		0.00
78) Terphenyl-d14	12.82	244	1200046	71.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	202486	45.539	ng		100
3) Pyridine	3.07	79	498942	42.939	ng		98
4) n-Nitrosodimethylamine	3.03	42	185362	40.690	ng		95
6) Aniline	6.38	93	587231	39.351	ng	#	86
8) 2-Chlorophenol	6.50	128	390364	39.792	ng		97
9) Benzaldehyde	6.26	77	252272	40.448	ng		98
10) Phenol	6.37	94	478611	38.857	ng	#	64
11) bis(2-Chloroethyl)ether	6.45	93	383633	40.951	ng		96
12) 1,3-Dichlorobenzene	6.65	146	455850	39.072	ng		99
13) 1,4-Dichlorobenzene	6.73	146	458347	39.218	ng		99
14) 1,2-Dichlorobenzene	6.89	146	424420	39.702	ng		98
15) Benzyl Alcohol	6.86	79	301861	37.920	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	607475	38.663	ng		89
17) 2-Methylphenol	6.98	107	328573	38.565	ng	#	94
18) Hexachloroethane	7.22	117	163207	40.075	ng		100
19) n-Nitroso-di-n-propylamine	7.13	70	265973	38.522	ng		98
20) 3+4-Methylphenols	7.13	107	416070	41.523	ng	#	73
22) Acetophenone	7.13	105	543721	38.248	ng	#	92
24) Nitrobenzene	7.30	77	418098	39.371	ng		96
25) Isophorone	7.54	82	729886	39.454	ng		99
26) 2-Nitrophenol	7.62	139	223890	40.058	ng		99
27) 2,4-Dimethylphenol	7.66	122	317643	39.139	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	445832	39.013	ng		99
29) 2,4-Dichlorophenol	7.86	162	320641	38.786	ng		99
30) 1,2,4-Trichlorobenzene	7.94	180	334036	37.694	ng		98
31) Naphthalene	8.02	128	1144741	38.447	ng		100
32) Benzoic acid	7.80	122	214424	31.535	ng		99
33) 4-Chloroaniline	8.07	127	495352	39.564	ng		99
34) Hexachlorobutadiene	8.13	225	178692	37.754	ng		99
35) Caprolactam	8.46	113	110472m	40.462	ng		
36) 4-Chloro-3-methylphenol	8.56	107	343821	39.456	ng		98
37) 2-Methylnaphthalene	8.71	142	756519	38.153	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	312483	38.575	ng		99
40) Hexachlorocyclopentadiene	8.86	237	137035	37.800	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	197952	36.504	ng		98
43) 2,4,5-Trichlorophenol	9.04	196	223092	36.538	ng		97
45) 1,1'-Biphenyl	9.17	154	914186	37.972	ng		99
46) 2-Chloronaphthalene	9.20	162	706151	37.735	ng		99
47) 2-Nitroaniline	9.30	65	238411	40.865	ng		97
48) Acenaphthylene	9.62	152	1097420	37.642	ng		99
49) Dimethylphthalate	9.47	163	848668	38.134	ng		100
50) 2,6-Dinitrotoluene	9.55	165	183876	38.322	ng		96
51) Acenaphthene	9.79	154	642770	37.750	ng		100
52) 3-Nitroaniline	9.72	138	232456	40.953	ng		96
53) 2,4-Dinitrophenol	9.83	184	79804	39.052	ng	#	22
54) Dibenzofuran	9.96	168	896494	38.904	ng		98
55) 4-Nitrophenol	9.89	139	158220	42.227	ng		92
56) 2,4-Dinitrotoluene	9.95	165	218868	37.093	ng	#	84
57) Fluorene	10.30	166	734244	40.211	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	160055	36.715	ng		97
59) Diethylphthalate	10.17	149	801191	37.047	ng		97
60) 4-Chlorophenyl-phenylether	10.29	204	311565	39.355	ng		97
61) 4-Nitroaniline	10.33	138	217377m	38.378	ng		
62) Azobenzene	10.45	77	771476	38.963	ng		98
64) 4,6-Dinitro-2-methylphenol	10.36	198	119804	37.200	ng		98
65) n-Nitrosodiphenylamine	10.42	169	657849	37.129	ng		100
66) 4-Bromophenyl-phenylether	10.78	248	192452	37.035	ng		94
67) Hexachlorobenzene	10.85	284	201192	34.619	ng		99
68) Atrazine	10.95	200	193201	36.921	ng		98
69) Pentachlorophenol	11.05	266	120544	39.484	ng		97
70) Phenanthrene	11.26	178	1033170	36.729	ng		99
71) Anthracene	11.32	178	1082568	37.705	ng		99
72) Carbazole	11.47	167	1087952	38.841	ng		99
73) Di-n-butylphthalate	11.79	149	1313983	37.529	ng		99
74) Fluoranthene	12.45	202	1072420	37.386	ng		97
76) Benzidine	12.57	184	497626	39.198	ng		99
77) Pyrene	12.68	202	1109185	37.962	ng		99
79) Butylbenzylphthalate	13.29	149	567988	39.062	ng		99
80) Benzo(a)anthracene	13.87	228	933118	40.106	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	338847	39.701	ng		98
82) Chrysene	13.90	228	912997	38.643	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	776621	39.743	ng	#	98
84) Di-n-octyl phthalate	14.46	149	1227460	38.626	ng		100
85) Indeno(1,2,3-cd)pyrene	16.70	276	769911	39.457	ng		97
87) Benzo(b)fluoranthene	14.90	252	854669	37.242	ng		97
88) Benzo(k)fluoranthene	14.93	252	822534	37.937	ng		99
89) Benzo(a)pyrene	15.24	252	792715	38.300	ng		97
90) Dibenzo(a,h)anthracene	16.72	278	623284	37.175	ng		97
91) Benzo(g,h,i)perylene	17.13	276	637124	38.486	ng		97

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