Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106710.D
Acq On : 22 Jun 2018 16:05
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/25/2018 5:16:43 PM

Quant Time: Jun 22 17:26:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 22 11:34:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	63575	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	264148	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	140095	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	285900	20.00	ng		0.00
75) Chrysene-d12	14.16	240	242619	20.00	ng		0.00
86) Perylene-d12	15.70	264	197164	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	273334	72.80	ng		0.00
7) Phenol-d6	6.61	99	350786	74.82	ng		0.00
23) Nitrobenzene-d5	7.53	82	341817	71.91	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	132122	81.37	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	612641	71.71	ng		0.00
78) Terphenyl-d14	13.08	244	763154	76.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	65077	33.715	ng		98
3) Pyridine	3.61	79	183590	35.071	ng		97
4) n-Nitrosodimethylamine	3.58	42	74860	33.670	ng		84
6) Aniline	6.63	93	236408	37.171	ng		97
8) 2-Chlorophenol	6.75	128	154579	37.538	ng		99
9) Benzaldehyde	6.52	77	114677	34.781	ng		98
10) Phenol	6.62	94	194008	36.258	ng		79
11) bis(2-Chloroethyl)ether	6.70	93	166182	37.620	ng		99
12) 1,3-Dichlorobenzene	6.90	146	182689	37.878	ng		98
13) 1,4-Dichlorobenzene	6.98	146	183712	37.676	ng		99
14) 1,2-Dichlorobenzene	7.14	146	168540	37.715	ng		97
15) Benzyl Alcohol	7.11	79	140599	37.346	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	208260m	35.933	ng		
17) 2-Methylphenol	7.22	107	132357	37.558	ng		96
18) Hexachloroethane	7.47	117	63715	37.157	ng	#	89
19) n-Nitroso-di-n-propylamine	7.38	70	109188	35.329	ng		93
20) 3+4-Methylphenols	7.37	107	147475	36.860	ng	#	69
22) Acetophenone	7.37	105	216178	36.580	ng	#	93
24) Nitrobenzene	7.55	77	173712	35.797	ng		97
25) Isophorone	7.78	82	306389	36.581	ng		97
26) 2-Nitrophenol	7.86	139	89548	39.090	ng		99
27) 2,4-Dimethylphenol	7.90	122	131384	37.105	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	207761	36.944	ng		99
29) 2,4-Dichlorophenol	8.11	162	141569	38.190	ng		96
30) 1,2,4-Trichlorobenzene	8.18	180	162513	39.795	ng		98
31) Naphthalene	8.27	128	459744	37.227	ng		100
32) Benzoic acid	8.03	122	69027	29.332	ng		97
33) 4-Chloroaniline	8.32	127	193753	37.390	ng		99
34) Hexachlorobutadiene	8.38	225	107977	40.579	ng		99
35) Caprolactam	8.71	113	47487	39.298	ng		94
36) 4-Chloro-3-methylphenol	8.81	107	148925	38.167	ng		96
37) 2-Methylnaphthalene	8.96	142	329610	40.267	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	178609	37.857	ng	#	96
40) Hexachlorocyclopentadiene	9.11	237	83422	34.367	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	109994	35.073	ng		94
43) 2,4,5-Trichlorophenol	9.29	196	115942	35.430	ng	#	89
45) 1,1'-Biphenyl	9.42	154	410752	36.790	ng		98
46) 2-Chloronaphthalene	9.45	162	300027	34.139	ng		95
47) 2-Nitroaniline	9.55	65	98963	33.487	ng		95
48) Acenaphthylene	9.87	152	482851	34.800	ng		99
49) Dimethylphthalate	9.72	163	372039	35.408	ng		99
50) 2,6-Dinitrotoluene	9.79	165	87503	39.328	ng		92
51) Acenaphthene	10.04	154	304955	34.903	ng		98
52) 3-Nitroaniline	9.97	138	91500	35.738	ng		99
53) 2,4-Dinitrophenol	10.07	184	38527	36.429	ng	#	15
54) Dibenzofuran	10.21	168	450773	37.677	ng		97
55) 4-Nitrophenol	10.14	139	72561	40.602	ng		94
56) 2,4-Dinitrotoluene	10.20	165	114058	39.274	ng		92
57) Fluorene	10.56	166	352225	37.100	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	102599	39.441	ng	#	78
59) Diethylphthalate	10.42	149	353633	34.870	ng	#	94
60) 4-Chlorophenyl-phenylether	10.54	204	187962	37.839	ng	#	88
61) 4-Nitroaniline	10.58	138	93568	36.824	ng		96
62) Azobenzene	10.71	77	334101	33.455	ng		91
64) 4,6-Dinitro-2-methylphenol	10.61	198	69483	39.316	ng		80
65) n-Nitrosodiphenylamine	10.67	169	325346	33.833	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	130048	38.114	ng	#	81
67) Hexachlorobenzene	11.11	284	138046	38.655	ng	#	80
68) Atrazine	11.19	200	116390	38.073	ng		95
69) Pentachlorophenol	11.30	266	84700	47.534	ng		99
70) Phenanthrene	11.52	178	519589	37.680	ng		99
71) Anthracene	11.58	178	527937	37.509	ng		99
72) Carbazole	11.73	167	478195	36.288	ng		99
73) Di-n-butylphthalate	12.04	149	551349	35.515	ng		99
74) Fluoranthene	12.72	202	576280	37.916	ng		95
76) Benzidine	12.84	184	244210	35.343	ng		99
77) Pyrene	12.95	202	590628	36.916	ng		99
79) Butylbenzylphthalate	13.55	149	234344	35.625	ng	#	97
80) Benzo(a)anthracene	14.15	228	546948	36.989	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	179954	34.626	ng	#	95
82) Chrysene	14.19	228	495745	36.441	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	283575	33.720	ng	#	97
84) Di-n-octyl phthalate	14.75	149	503035	36.696	ng		96
85) Indeno(1,2,3-cd)pyrene	17.28	276	383396	33.210	ng	#	90
87) Benzo(b)fluoranthene	15.25	252	459201	37.493	ng	#	96
88) Benzo(k)fluoranthene	15.28	252	446901	38.316	ng	#	95
89) Benzo(a)pyrene	15.64	252	404347	37.137	ng	#	97
90) Dibenzo(a,h)anthracene	17.29	278	323415	35.049	ng	#	93
91) Benzo(g,h,i)perylene	17.76	276	314610	34.883	ng	#	91

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

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