Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
Data File : BF108343.D
Acq On : 21 Aug 2018 17:54
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/22/2018 4:02:49 PM

Quant Time: Aug 21 23:44:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 15:20:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	213130	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	829022	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	419387	20.00	ng		-0.01
63) Phenanthrene-d10	11.55	188	826257	20.00	ng		-0.01
75) Chrysene-d12	14.21	240	513693	20.00	ng		-0.01
86) Perylene-d12	15.75	264	414768	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	891808	75.76	ng		0.00
7) Phenol-d6	6.63	99	1199114	76.65	ng		0.00
23) Nitrobenzene-d5	7.58	82	1144781	77.06	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	345312	82.55	ng		-0.01
44) 2-Fluorobiphenyl	9.37	172	2043452	78.23	ng		-0.01
78) Terphenyl-d14	13.14	244	1900821	94.08	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	212369	35.108	ng		91
3) Pyridine	3.68	79	553337	35.511	ng		86
4) n-Nitrosodimethylamine	3.65	42	304765	34.759	ng	#	85
6) Aniline	6.68	93	813691	38.240	ng		99
8) 2-Chlorophenol	6.80	128	509253	38.409	ng		95
9) Benzaldehyde	6.57	77	431654	35.589	ng		97
10) Phenol	6.65	94	622391	38.463	ng		92
11) bis(2-Chloroethyl)ether	6.74	93	491562	37.575	ng		93
12) 1,3-Dichlorobenzene	6.95	146	577569	37.675	ng		98
13) 1,4-Dichlorobenzene	7.02	146	582643	37.827	ng		99
14) 1,2-Dichlorobenzene	7.18	146	538602	37.593	ng		96
15) Benzyl Alcohol	7.15	79	485081	36.834	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	926683	34.385	ng		99
17) 2-Methylphenol	7.25	107	437700	38.496	ng		95
18) Hexachloroethane	7.52	117	210151	38.323	ng		95
19) n-Nitroso-di-n-propylamine	7.42	70	377339	35.670	ng		91
20) 3+4-Methylphenols	7.41	107	541787	37.184	ng	#	86
22) Acetophenone	7.42	105	712065	36.733	ng	#	95
24) Nitrobenzene	7.60	77	564909	37.602	ng		96
25) Isophorone	7.83	82	1050556	37.099	ng		97
26) 2-Nitrophenol	7.91	139	251795	44.381	ng		92
27) 2,4-Dimethylphenol	7.94	122	477971	38.031	ng		98
28) bis(2-Chloroethoxy)methane	8.03	93	617542	37.357	ng		99
29) 2,4-Dichlorophenol	8.15	162	450920	38.987	ng		97
30) 1,2,4-Trichlorobenzene	8.23	180	484072	37.961	ng		98
31) Naphthalene	8.31	128	1431048	37.957	ng		98
32) Benzoic acid	8.05	122	188055	28.550	ng		92
33) 4-Chloroaniline	8.36	127	621810	37.845	ng		97
34) Hexachlorobutadiene	8.42	225	308106	38.167	ng		99
35) Caprolactam	8.74	113	140327	38.716	ng	#	82
36) 4-Chloro-3-methylphenol	8.84	107	471391	37.780	ng		98
37) 2-Methylnaphthalene	9.01	142	989783	37.106	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	504925	39.205	ng		98
40) Hexachlorocyclopentadiene	9.15	237	319511	38.409	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	331029	41.420	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	355934	40.457	ng	#	93
45) 1,1'-Biphenyl	9.47	154	1185305	38.333	ng		99
46) 2-Chloronaphthalene	9.50	162	936140	38.305	ng		97
47) 2-Nitroaniline	9.60	65	319607	40.418	ng		90
48) Acenaphthylene	9.92	152	1479295	38.287	ng		98
49) Dimethylphthalate	9.77	163	1105175	37.831	ng	#	99
50) 2,6-Dinitrotoluene	9.84	165	246827	40.383	ng		97
51) Acenaphthene	10.09	154	907544	38.350	ng		99
52) 3-Nitroaniline	10.01	138	265598	39.716	ng		97
53) 2,4-Dinitrophenol	10.11	184	77195	37.807	ng	#	21
54) Dibenzofuran	10.26	168	1306601	38.110	ng		95
55) 4-Nitrophenol	10.16	139	181881	35.916	ng	#	83
56) 2,4-Dinitrotoluene	10.24	165	324804	41.285	ng	#	97
57) Fluorene	10.61	166	1040077	38.322	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	289928	39.428	ng	#	87
59) Diethylphthalate	10.47	149	1060987	37.506	ng		95
60) 4-Chlorophenyl-phenylether	10.59	204	532991	37.688	ng		96
61) 4-Nitroaniline	10.63	138	259714	39.281	ng		95
62) Azobenzene	10.75	77	1082571	37.056	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	117803	39.095	ng		87
65) n-Nitrosodiphenylamine	10.71	169	943997	38.662	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	349178	38.887	ng	#	89
67) Hexachlorobenzene	11.15	284	361885	38.305	ng	#	90
68) Atrazine	11.24	200	314885	38.450	ng		95
69) Pentachlorophenol	11.35	266	159128	35.190	ng		98
70) Phenanthrene	11.58	178	1472117	37.774	ng		98
71) Anthracene	11.63	178	1527756	38.248	ng		98
72) Carbazole	11.78	167	1298373	36.586	ng		99
73) Di-n-butylphthalate	12.10	149	1596298	39.712	ng		99
74) Fluoranthene	12.77	202	1559511	36.666	ng		95
76) Benzidine	12.88	184	714874	37.247	ng		99
77) Pyrene	13.00	202	1526761	46.945	ng		98
79) Butylbenzylphthalate	13.60	149	604585	46.816	ng	#	97
80) Benzo(a)anthracene	14.19	228	1145630	38.860	ng		98
81) 3,3'-Dichlorobenzidine	14.15	252	344044	32.564	ng	#	96
82) Chrysene	14.23	228	1026073	37.964	ng		99
83) Bis(2-ethylhexyl)phthalate	14.15	149	781134	44.667	ng	#	99
84) Di-n-octyl phthalate	14.78	149	1098912	41.203	ng		96
85) Indeno(1,2,3-cd)pyrene	17.38	276	1039504	44.388	ng	#	91
87) Benzo(b)fluoranthene	15.29	252	932127m	37.610	ng		
88) Benzo(k)fluoranthene	15.32	252	794152	34.858	ng	#	97
89) Benzo(a)pyrene	15.69	252	841727	37.927	ng		97
90) Dibenzo(a,h)anthracene	17.39	278	881808	48.021	ng	#	93
91) Benzo(g,h,i)perylene	17.88	276	890146	49.229	ng	#	90

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

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