Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108419.D
Acq On : 23 Aug 2018 10:09
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/24/2018 12:13:53 PM

Quant Time: Aug 23 12:48:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	147786	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	588879	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	306914	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	622062	20.00	ng		0.00
75) Chrysene-d12	14.20	240	499778	20.00	ng		0.00
86) Perylene-d12	15.75	264	384354	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	667584	81.78	ng		0.00
7) Phenol-d6	6.62	99	893387	82.36	ng		0.00
23) Nitrobenzene-d5	7.57	82	868009	82.25	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	277816	90.75	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1627333	85.13	ng		0.00
78) Terphenyl-d14	13.13	244	1693491	86.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	159496	38.026	ng		92
3) Pyridine	3.67	79	409073	37.860	ng		87
4) n-Nitrosodimethylamine	3.64	42	220354	36.244	ng		84
6) Aniline	6.67	93	602550	40.837	ng		96
8) 2-Chlorophenol	6.79	128	382627	41.619	ng		98
9) Benzaldehyde	6.56	77	318926	37.922	ng		99
10) Phenol	6.64	94	452203	40.302	ng		88
11) bis(2-Chloroethyl)ether	6.74	93	366188	40.368	ng		96
12) 1,3-Dichlorobenzene	6.94	146	436033	41.018	ng		98
13) 1,4-Dichlorobenzene	7.02	146	434993	40.728	ng		98
14) 1,2-Dichlorobenzene	7.17	146	404565	40.723	ng		99
15) Benzyl Alcohol	7.14	79	350608	38.394	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	698050	37.354	ng		99
17) 2-Methylphenol	7.24	107	335799	42.592	ng		94
18) Hexachloroethane	7.51	117	157785	41.496	ng		94
19) n-Nitroso-di-n-propylamine	7.41	70	290792	39.642	ng		94
20) 3+4-Methylphenols	7.40	107	408685	40.451	ng	#	80
22) Acetophenone	7.41	105	542620	39.407	ng	#	95
24) Nitrobenzene	7.59	77	428015	40.108	ng		98
25) Isophorone	7.82	82	795857	39.566	ng		96
26) 2-Nitrophenol	7.90	139	188686	46.820	ng		95
27) 2,4-Dimethylphenol	7.93	122	356870	39.974	ng		96
28) bis(2-Chloroethoxy)methane	8.02	93	468247	39.876	ng		99
29) 2,4-Dichlorophenol	8.14	162	345489	42.053	ng		97
30) 1,2,4-Trichlorobenzene	8.22	180	367803	40.605	ng		98
31) Naphthalene	8.31	128	1107059	41.338	ng		99
32) Benzoic acid	8.05	122	168854m	34.511	ng		
33) 4-Chloroaniline	8.35	127	472522	40.487	ng		97
34) Hexachlorobutadiene	8.42	225	238626	41.614	ng		99
35) Caprolactam	8.74	113	103511	40.205	ng	#	84
36) 4-Chloro-3-methylphenol	8.83	107	362253	40.873	ng		97
37) 2-Methylnaphthalene	9.00	142	763137	40.276	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	391178	41.504	ng		98
40) Hexachlorocyclopentadiene	9.15	237	246865	40.551	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	249689	42.691	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	276931	43.013	ng	#	93
45) 1,1'-Biphenyl	9.47	154	928542	41.034	ng		98
46) 2-Chloronaphthalene	9.50	162	734356	41.060	ng		97
47) 2-Nitroaniline	9.59	65	246296	42.561	ng		91
48) Acenaphthylene	9.91	152	1181802	41.797	ng		99
49) Dimethylphthalate	9.76	163	878106	41.073	ng		99
50) 2,6-Dinitrotoluene	9.83	165	193850	43.338	ng		98
51) Acenaphthene	10.08	154	716075	41.348	ng		98
52) 3-Nitroaniline	10.00	138	206995	42.296	ng		94
53) 2,4-Dinitrophenol	10.11	184	68582	44.395	ng	#	21
54) Dibenzofuran	10.25	168	1026107	40.897	ng		96
55) 4-Nitrophenol	10.15	139	146856	39.627	ng		86
56) 2,4-Dinitrotoluene	10.24	165	257755	44.768	ng	#	99
57) Fluorene	10.60	166	826442	41.609	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	227229	42.225	ng	#	87
59) Diethylphthalate	10.46	149	859868	41.535	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	423664	40.936	ng		95
61) 4-Nitroaniline	10.62	138	212548	43.928	ng		94
62) Azobenzene	10.75	77	855016	39.992	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	96820	42.187	ng		92
65) n-Nitrosodiphenylamine	10.71	169	751032	40.856	ng		97
66) 4-Bromophenyl-phenylether	11.08	248	280916	41.555	ng		91
67) Hexachlorobenzene	11.15	284	289808	40.745	ng		90
68) Atrazine	11.23	200	262124	42.514	ng		96
69) Pentachlorophenol	11.34	266	134110	39.392	ng		98
70) Phenanthrene	11.57	178	1211442	41.289	ng		99
71) Anthracene	11.62	178	1244567	41.386	ng		98
72) Carbazole	11.78	167	1107584	41.454	ng		99
73) Di-n-butylphthalate	12.09	149	1338573	44.231	ng		100
74) Fluoranthene	12.77	202	1339164	41.821	ng		96
76) Benzidine	12.88	184	827925	44.338	ng		99
77) Pyrene	13.00	202	1347945	42.601	ng		99
79) Butylbenzylphthalate	13.59	149	579092	46.091	ng		95
80) Benzo(a)anthracene	14.19	228	1182720	41.235	ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	427013	41.543	ng	#	95
82) Chrysene	14.23	228	1080461	41.089	ng		100
83) Bis(2-ethylhexyl)phthalate	14.15	149	743029	43.671	ng		99
84) Di-n-octyl phthalate	14.77	149	1208951	46.591	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	783066	34.369	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	978484	42.604	ng		98
88) Benzo(k)fluoranthene	15.32	252	892769	42.287	ng	#	96
89) Benzo(a)pyrene	15.69	252	852582	41.456	ng	#	96
90) Dibenzo(a,h)anthracene	17.38	278	645101	37.910	ng	#	94
91) Benzo(g,h,i)perylene	17.86	276	635193	37.909	ng	#	89

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

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