Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106292.D
Acq On : 11 Jun 2018 13:59
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
6/12/2018 12:58:11 PM

Quant Time: Jun 11 14:21:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 13:10:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	198186	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	809706	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	387568	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	744688	20.00	ng		0.00
75) Chrysene-d12	14.17	240	583730	20.00	ng		0.00
86) Perylene-d12	15.70	264	462893	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1668349	126.61	ng		0.00
7) Phenol-d6	6.60	99	2099232	134.07	ng		0.01
23) Nitrobenzene-d5	7.55	82	2022676	145.39	ng		0.01
41) 2,4,6-Tribromophenol	10.81	330	601936	120.21	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	2682898	99.77	ng		0.00
78) Terphenyl-d14	13.10	244	2864557	105.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	459732	77.010	ng		96
3) Pyridine	3.61	79	1326570	85.633	ng		99
4) n-Nitrosodimethylamine	3.59	42	609182	80.331	ng	#	96
6) Aniline	6.65	93	1671618	82.332	ng		96
8) 2-Chlorophenol	6.76	128	900309	64.328	ng		96
9) Benzaldehyde	6.53	77	682409	64.107	ng		99
10) Phenol	6.61	94	1158290	64.841	ng		93
11) bis(2-Chloroethyl)ether	6.71	93	981912	74.795	ng		96
12) 1,3-Dichlorobenzene	6.92	146	1031095	66.923	ng		98
13) 1,4-Dichlorobenzene	6.99	146	1045936	66.481	ng		97
14) 1,2-Dichlorobenzene	7.15	146	924845	63.787	ng		97
15) Benzyl Alcohol	7.11	79	905147	74.508	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1439430	62.410	ng		97
17) 2-Methylphenol	7.21	107	861273	72.896	ng		98
18) Hexachloroethane	7.49	117	389012	68.434	ng		92
19) n-Nitroso-di-n-propylamine	7.40	70	781369	78.951	ng		97
20) 3+4-Methylphenols	7.38	107	985087	70.032	ng	#	85
22) Acetophenone	7.39	105	1330836	71.541	ng		98
24) Nitrobenzene	7.57	77	1060244	72.380	ng		98
25) Isophorone	7.80	82	1996014	75.803	ng		99
26) 2-Nitrophenol	7.87	139	499183	67.541	ng		95
27) 2,4-Dimethylphenol	7.90	122	855349	70.454	ng		99
28) bis(2-Chloroethoxy)methane	8.01	93	1202201	74.436	ng		97
29) 2,4-Dichlorophenol	8.11	162	841069	73.930	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	862152	71.648	ng		95
31) Naphthalene	8.28	128	2241133	56.842	ng	#	89
32) Benzoic acid	8.05	122	732650m	81.236	ng		
33) 4-Chloroaniline	8.32	127	1118654	68.339	ng		94
34) Hexachlorobutadiene	8.40	225	560289	86.432	ng		99
35) Caprolactam	8.73	113	289132	82.236	ng		99
36) 4-Chloro-3-methylphenol	8.81	107	901239	73.593	ng		99
37) 2-Methylnaphthalene	8.97	142	1608301	60.654	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	853198	72.970	ng		97
40) Hexachlorocyclopentadiene	9.12	237	567229	71.683	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	627944	78.980	ng		100
43) 2,4,5-Trichlorophenol	9.28	196	664493	77.342	ng		95
45) 1,1'-Biphenyl	9.44	154	1853235	53.728	ng		90
46) 2-Chloronaphthalene	9.47	162	1585599	61.375	ng		94
47) 2-Nitroaniline	9.56	65	625564	72.071	ng		92
48) Acenaphthylene	9.88	152	2331334	58.877	ng	#	88
49) Dimethylphthalate	9.74	163	1884062	63.323	ng	#	95
50) 2,6-Dinitrotoluene	9.80	165	457403	69.827	ng		93
51) Acenaphthene	10.05	154	1582393	60.365	ng		95
52) 3-Nitroaniline	9.98	138	541689	71.768	ng		98
53) 2,4-Dinitrophenol	10.07	184	210901	54.784	ng	#	20
54) Dibenzofuran	10.22	168	1998133	56.743	ng	#	83
55) 4-Nitrophenol	10.12	139	441548	71.522	ng		89
56) 2,4-Dinitrotoluene	10.21	165	600070	70.415	ng		99
57) Fluorene	10.57	166	1539785	57.785	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	541825	76.330	ng	#	85
59) Diethylphthalate	10.44	149	1803085	60.746	ng	#	89
60) 4-Chlorophenyl-phenylether	10.56	204	838507	67.943	ng		90
61) 4-Nitroaniline	10.60	138	528904	70.087	ng		95
62) Azobenzene	10.72	77	1782156	61.348	ng		87
64) 4,6-Dinitro-2-methylphenol	10.61	198	340778	76.318	ng		94
65) n-Nitrosodiphenylamine	10.68	169	1628923	65.232	ng		98
66) 4-Bromophenyl-phenylether	11.05	248	623356	75.249	ng	#	86
67) Hexachlorobenzene	11.11	284	653365	69.003	ng	#	87
68) Atrazine	11.21	200	574485	72.377	ng		94
69) Pentachlorophenol	11.30	266	465688	81.515	ng		98
70) Phenanthrene	11.54	178	2223341	52.977	ng	#	88
71) Anthracene	11.59	178	2208492	50.838	ng	#	87
72) Carbazole	11.74	167	2159653	56.798	ng	#	90
73) Di-n-butylphthalate	12.06	149	2310679	49.215	ng	#	91
74) Fluoranthene	12.72	202	2439288	58.469	ng		91
76) Benzidine	12.84	184	1263257	53.803	ng	#	89
77) Pyrene	12.96	202	2473228	54.904	ng	#	86
79) Butylbenzylphthalate	13.57	149	1148340	57.869	ng	#	95
80) Benzo(a)anthracene	14.15	228	2386547	70.024	ng	#	89
81) 3,3'-Dichlorobenzidine	14.11	252	822482	62.712	ng	#	93
82) Chrysene	14.20	228	2105660	62.702	ng	#	86
83) Bis(2-ethylhexyl)phthalate	14.12	149	1424267	59.274	ng		95
84) Di-n-octyl phthalate	14.77	149	2167404	54.917	ng		98
85) Indeno(1,2,3-cd)pyrene	17.27	276	2124842	69.493	ng		93
87) Benzo(b)fluoranthene	15.25	252	2200107	79.738	ng		95
88) Benzo(k)fluoranthene	15.28	252	1944370	72.873	ng		94
89) Benzo(a)pyrene	15.64	252	1949992	75.899	ng		96
90) Dibenzo(a,h)anthracene	17.30	278	1754524	72.826	ng	#	95
91) Benzo(g,h,i)perylene	17.75	276	1779117	76.832	ng		93

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

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