Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106337.D
Acq On : 12 Jun 2018 11:52
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/13/2018 4:55:56 PM

Quant Time: Jun 13 01:18:20 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 15:00:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	182494	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	739886	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	360353	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	716295	20.00	ng		0.00
75) Chrysene-d12	14.16	240	595561	20.00	ng		0.00
86) Perylene-d12	15.69	264	462957	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	877106	81.35	ng		0.01
7) Phenol-d6	6.60	99	1101438	80.85	ng		0.00
23) Nitrobenzene-d5	7.54	82	1065734	84.74	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	349013	100.66	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1730072	85.38	ng		0.00
78) Terphenyl-d14	13.09	244	1919170	80.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	225212	40.358	ng		96
3) Pyridine	3.63	79	625907	40.249	ng		99
4) n-Nitrosodimethylamine	3.58	42	276157	38.764	ng		95
6) Aniline	6.64	93	794910	39.961	ng		97
8) 2-Chlorophenol	6.76	128	483440	41.693	ng		97
9) Benzaldehyde	6.53	77	410599	39.737	ng		98
10) Phenol	6.61	94	657559m	44.215	ng		
11) bis(2-Chloroethyl)ether	6.71	93	513417	40.328	ng		96
12) 1,3-Dichlorobenzene	6.91	146	552033	40.451	ng		98
13) 1,4-Dichlorobenzene	6.99	146	565229	40.814	ng		99
14) 1,2-Dichlorobenzene	7.15	146	521264	39.984	ng		97
15) Benzyl Alcohol	7.11	79	470343	40.316	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	743259	40.727	ng		97
17) 2-Methylphenol	7.22	107	420908	40.686	ng		99
18) Hexachloroethane	7.48	117	200804	40.693	ng		97
19) n-Nitroso-di-n-propylamine	7.38	70	383663	37.540	ng		95
20) 3+4-Methylphenols	7.37	107	525154	39.694	ng		90
22) Acetophenone	7.38	105	705428	37.833	ng	#	98
24) Nitrobenzene	7.55	77	563568	41.227	ng		94
25) Isophorone	7.80	82	954614	38.860	ng		98
26) 2-Nitrophenol	7.87	139	266031	50.138	ng		97
27) 2,4-Dimethylphenol	7.90	122	433891	41.721	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	642121	40.312	ng		99
29) 2,4-Dichlorophenol	8.11	162	430909	42.949	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	454412	40.393	ng		96
31) Naphthalene	8.28	128	1334822	39.909	ng		95
32) Benzoic acid	8.01	122	343498m	45.270	ng		
33) 4-Chloroaniline	8.32	127	590548	39.842	ng		97
34) Hexachlorobutadiene	8.39	225	302425	41.845	ng		98
35) Caprolactam	8.71	113	142017	41.848	ng		96
36) 4-Chloro-3-methylphenol	8.80	107	452687	40.789	ng		98
37) 2-Methylnaphthalene	8.97	142	911110	39.995	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	485457	41.499	ng		98
40) Hexachlorocyclopentadiene	9.12	237	301040	46.643	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	332581	44.612	ng		97
43) 2,4,5-Trichlorophenol	9.28	196	356055	44.304	ng		95
45) 1,1'-Biphenyl	9.44	154	1101480	39.464	ng		98
46) 2-Chloronaphthalene	9.46	162	886628	39.695	ng		99
47) 2-Nitroaniline	9.55	65	319677	45.495	ng		89
48) Acenaphthylene	9.88	152	1375122	40.222	ng		95
49) Dimethylphthalate	9.73	163	1059636	41.159	ng		98
50) 2,6-Dinitrotoluene	9.80	165	234828	44.654	ng		94
51) Acenaphthene	10.05	154	902981	40.897	ng		98
52) 3-Nitroaniline	9.97	138	282127	45.200	ng		93
53) 2,4-Dinitrophenol	10.07	184	110497	49.451	ng	#	21
54) Dibenzofuran	10.22	168	1204355	40.508	ng		96
55) 4-Nitrophenol	10.12	139	212685	44.455	ng		97
56) 2,4-Dinitrotoluene	10.20	165	316377	47.908	ng		91
57) Fluorene	10.57	166	939858	39.899	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	286204	44.932	ng	#	85
59) Diethylphthalate	10.43	149	1054625	41.271	ng	#	93
60) 4-Chlorophenyl-phenylether	10.55	204	512688	41.380	ng		91
61) 4-Nitroaniline	10.58	138	273340	45.011	ng		96
62) Azobenzene	10.71	77	1041893	39.102	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	185069	47.909	ng		83
65) n-Nitrosodiphenylamine	10.67	169	955380	39.686	ng		97
66) 4-Bromophenyl-phenylether	11.05	248	345256	42.378	ng	#	82
67) Hexachlorobenzene	11.11	284	358712	42.708	ng	#	86
68) Atrazine	11.20	200	323222	43.568	ng		97
69) Pentachlorophenol	11.30	266	223262	43.175	ng		98
70) Phenanthrene	11.53	178	1377235	39.260	ng		96
71) Anthracene	11.58	178	1380875	39.292	ng		94
72) Carbazole	11.74	167	1274533	39.283	ng		96
73) Di-n-butylphthalate	12.05	149	1525744	42.253	ng	#	96
74) Fluoranthene	12.72	202	1487091	39.750	ng		97
76) Benzidine	12.84	184	869714	43.878	ng		97
77) Pyrene	12.95	202	1536485	41.208	ng		95
79) Butylbenzylphthalate	13.56	149	697162	49.951	ng	#	95
80) Benzo(a)anthracene	14.15	228	1429451	40.333	ng		95
81) 3,3'-Dichlorobenzidine	14.11	252	539815	45.143	ng	#	96
82) Chrysene	14.19	228	1300110	40.179	ng		96
83) Bis(2-ethylhexyl)phthalate	14.12	149	941513	47.048	ng		100
84) Di-n-octyl phthalate	14.76	149	1428378	49.510	ng		100
85) Indeno(1,2,3-cd)pyrene	17.27	276	1020708	39.525	ng	#	93
87) Benzo(b)fluoranthene	15.24	252	1186919	42.412	ng		96
88) Benzo(k)fluoranthene	15.28	252	1135123	40.956	ng	#	96
89) Benzo(a)pyrene	15.64	252	1043915	41.472	ng	#	96
90) Dibenzo(a,h)anthracene	17.28	278	871172	41.513	ng		97
91) Benzo(g,h,i)perylene	17.74	276	819191	40.168	ng		93

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

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