Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
Data File : BF108169.D
Acq On : 15 Aug 2018 16:55
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/16/2018 5:27:01 PM

Quant Time: Aug 15 19:08:25 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 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	274401	20.00	ng		0.00
21) Naphthalene-d8	8.31	136	1066922	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	535717	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	1028679	20.00	ng		0.00
75) Chrysene-d12	14.22	240	747530	20.00	ng		0.00
86) Perylene-d12	15.78	264	566298	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	1199722	79.16	ng		0.02
7) Phenol-d6	6.65	99	1607989	79.84	ng		0.02
23) Nitrobenzene-d5	7.59	82	1568364	82.03	ng		0.01
41) 2,4,6-Tribromophenol	10.87	330	468500	87.67	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2628843	78.78	ng		0.00
78) Terphenyl-d14	13.15	244	2489103	84.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	290967	37.361	ng		90
3) Pyridine	3.71	79	758062	37.787	ng		86
4) n-Nitrosodimethylamine	3.68	42	421554	37.343	ng	#	83
6) Aniline	6.69	93	1115828	40.730	ng		96
8) 2-Chlorophenol	6.81	128	686740	40.230	ng		94
9) Benzaldehyde	6.58	77	588780	37.705	ng		96
10) Phenol	6.66	94	834326	40.047	ng		89
11) bis(2-Chloroethyl)ether	6.75	93	683401	40.575	ng		91
12) 1,3-Dichlorobenzene	6.97	146	788267	39.937	ng		98
13) 1,4-Dichlorobenzene	7.04	146	793257	40.001	ng		99
14) 1,2-Dichlorobenzene	7.20	146	724808	39.294	ng		97
15) Benzyl Alcohol	7.16	79	674609	39.787	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1328786	38.296	ng		97
17) 2-Methylphenol	7.27	107	585786	40.016	ng		95
18) Hexachloroethane	7.53	117	290250	41.111	ng		98
19) n-Nitroso-di-n-propylamine	7.44	70	524621	38.519	ng		92
20) 3+4-Methylphenols	7.42	107	728363	38.827	ng		90
22) Acetophenone	7.44	105	968080	38.805	ng	#	95
24) Nitrobenzene	7.61	77	778473	40.264	ng		95
25) Isophorone	7.84	82	1463139	40.148	ng		97
26) 2-Nitrophenol	7.92	139	347124	47.541	ng		89
27) 2,4-Dimethylphenol	7.95	122	646530	39.972	ng		97
28) bis(2-Chloroethoxy)methane	8.05	93	866226	40.716	ng		99
29) 2,4-Dichlorophenol	8.16	162	620522	41.688	ng		98
30) 1,2,4-Trichlorobenzene	8.24	180	668138	40.712	ng		97
31) Naphthalene	8.33	128	1910362	39.372	ng		98
32) Benzoic acid	8.08	122	332368	36.978	ng		94
33) 4-Chloroaniline	8.37	127	848995	40.150	ng		96
34) Hexachlorobutadiene	8.44	225	425644	40.970	ng		99
35) Caprolactam	8.77	113	206690m	44.310	ng		
36) 4-Chloro-3-methylphenol	8.85	107	646345	40.251	ng		95
37) 2-Methylnaphthalene	9.02	142	1350171	39.330	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	691503	42.033	ng		98
40) Hexachlorocyclopentadiene	9.17	237	435235	40.959	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	458567	44.918	ng		98
43) 2,4,5-Trichlorophenol	9.34	196	488292	43.450	ng		95
45) 1,1'-Biphenyl	9.48	154	1592217	40.311	ng		98
46) 2-Chloronaphthalene	9.51	162	1261424	40.407	ng		98
47) 2-Nitroaniline	9.61	65	438098	43.372	ng		85
48) Acenaphthylene	9.94	152	1958332	39.680	ng		97
49) Dimethylphthalate	9.78	163	1501175	40.228	ng	#	98
50) 2,6-Dinitrotoluene	9.85	165	338027	43.295	ng		88
51) Acenaphthene	10.11	154	1221031	40.393	ng		99
52) 3-Nitroaniline	10.02	138	357157	41.810	ng		92
53) 2,4-Dinitrophenol	10.12	184	124506	45.893	ng	#	19
54) Dibenzofuran	10.28	168	1715934	39.181	ng		93
55) 4-Nitrophenol	10.17	139	270907	41.880	ng		84
56) 2,4-Dinitrotoluene	10.26	165	442094	43.991	ng	#	94
57) Fluorene	10.62	166	1368053	39.461	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	409905	43.639	ng	#	86
59) Diethylphthalate	10.48	149	1408972	38.991	ng	#	94
60) 4-Chlorophenyl-phenylether	10.61	204	706553	39.112	ng		93
61) 4-Nitroaniline	10.64	138	363777	43.073	ng		93
62) Azobenzene	10.77	77	1451061	38.884	ng		91
64) 4,6-Dinitro-2-methylphenol	10.67	198	174653	45.533	ng		79
65) n-Nitrosodiphenylamine	10.73	169	1246841	41.017	ng		97
66) 4-Bromophenyl-phenylether	11.10	248	464941	41.591	ng	#	86
67) Hexachlorobenzene	11.17	284	487433	41.441	ng	#	88
68) Atrazine	11.25	200	428229	42.001	ng		95
69) Pentachlorophenol	11.37	266	242099	43.003	ng		99
70) Phenanthrene	11.60	178	1934956	39.880	ng		98
71) Anthracene	11.65	178	1997127	40.161	ng		98
72) Carbazole	11.80	167	1755620	39.736	ng		98
73) Di-n-butylphthalate	12.11	149	2067387	41.311	ng		99
74) Fluoranthene	12.79	202	2066124	39.018	ng		95
76) Benzidine	12.90	184	1218833	43.640	ng		98
77) Pyrene	13.02	202	2068244	43.702	ng		97
79) Butylbenzylphthalate	13.62	149	885508	47.120	ng	#	95
80) Benzo(a)anthracene	14.21	228	1758002	40.979	ng		98
81) 3,3'-Dichlorobenzidine	14.17	252	608600	39.585	ng	#	95
82) Chrysene	14.25	228	1590629	40.442	ng		98
83) Bis(2-ethylhexyl)phthalate	14.17	149	1094021	42.989	ng		98
84) Di-n-octyl phthalate	14.80	149	1720658	44.334	ng		95
85) Indeno(1,2,3-cd)pyrene	17.41	276	1283349	37.659	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	1411800	41.722	ng		97
88) Benzo(k)fluoranthene	15.35	252	1281170	41.187	ng	#	96
89) Benzo(a)pyrene	15.72	252	1261361	41.627	ng		97
90) Dibenzo(a,h)anthracene	17.44	278	1056894	42.155	ng	#	93
91) Benzo(g,h,i)perylene	17.92	276	1068905	43.297	ng	#	90

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

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