Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108067.D
Acq On : 9 Aug 2018 22:51
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/10/2018 12:13:28 PM

Quant Time: Aug 10 04:17:09 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	275658	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1041749	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	471286	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	802920	20.00	ng		0.00
75) Chrysene-d12	14.22	240	740987	20.00	ng		0.00
86) Perylene-d12	15.78	264	559190	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	1253750	82.34	ng		0.00
7) Phenol-d6	6.63	99	1645531	81.33	ng		0.00
23) Nitrobenzene-d5	7.58	82	1543818	82.69	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	352176	74.92	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2576455	87.77	ng		0.00
78) Terphenyl-d14	13.15	244	2273889	78.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	306301	39.151	ng		89
3) Pyridine	3.66	79	814179	40.399	ng	#	83
4) n-Nitrosodimethylamine	3.63	42	440501	38.844	ng		82
6) Aniline	6.68	93	1126508	40.932	ng		98
8) 2-Chlorophenol	6.80	128	702158	40.946	ng		94
9) Benzaldehyde	6.57	77	632040	40.291	ng		97
10) Phenol	6.64	94	854249	40.817	ng		89
11) bis(2-Chloroethyl)ether	6.75	93	683123	40.374	ng		92
12) 1,3-Dichlorobenzene	6.96	146	805809	40.640	ng		99
13) 1,4-Dichlorobenzene	7.04	146	804041	40.360	ng		97
14) 1,2-Dichlorobenzene	7.19	146	751043	40.530	ng		97
15) Benzyl Alcohol	7.15	79	676791	39.734	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1347528	38.659	ng		96
17) 2-Methylphenol	7.25	107	594912	40.454	ng		96
18) Hexachloroethane	7.53	117	256164	36.118	ng		96
19) n-Nitroso-di-n-propylamine	7.42	70	533585	38.998	ng		90
20) 3+4-Methylphenols	7.41	107	775883	41.171	ng		96
22) Acetophenone	7.42	105	987905	40.556	ng	#	92
24) Nitrobenzene	7.60	77	781945	41.421	ng		97
25) Isophorone	7.84	82	1398864	39.312	ng		98
26) 2-Nitrophenol	7.91	139	301238	42.254	ng		92
27) 2,4-Dimethylphenol	7.94	122	642243	40.666	ng		97
28) bis(2-Chloroethoxy)methane	8.04	93	843411	40.602	ng		99
29) 2,4-Dichlorophenol	8.15	162	600440	41.313	ng		99
30) 1,2,4-Trichlorobenzene	8.24	180	645119	40.260	ng		97
31) Naphthalene	8.32	128	1890461	39.903	ng		97
32) Benzoic acid	8.03	122	287576m	33.448	ng		
33) 4-Chloroaniline	8.37	127	832404	40.317	ng		96
34) Hexachlorobutadiene	8.44	225	413741	40.787	ng		100
35) Caprolactam	8.74	113	183276	40.240	ng	#	77
36) 4-Chloro-3-methylphenol	8.84	107	609359	38.865	ng		97
37) 2-Methylnaphthalene	9.01	142	1297453	38.707	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	644780	44.551	ng		97
40) Hexachlorocyclopentadiene	9.17	237	94791	10.140	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	407541	45.378	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	425886	43.077	ng		96
45) 1,1'-Biphenyl	9.48	154	1510106	43.459	ng		99
46) 2-Chloronaphthalene	9.51	162	1166537	42.476	ng		99
47) 2-Nitroaniline	9.60	65	399568	44.965	ng		89
48) Acenaphthylene	9.93	152	1774319	40.866	ng		98
49) Dimethylphthalate	9.78	163	1411082	42.983	ng	#	98
50) 2,6-Dinitrotoluene	9.84	165	294418	42.865	ng		99
51) Acenaphthene	10.10	154	1038778	39.062	ng		99
52) 3-Nitroaniline	10.01	138	325031	43.251	ng		95
53) 2,4-Dinitrophenol	10.11	184	23843	15.482	ng	#	63
54) Dibenzofuran	10.27	168	1520106	39.455	ng		96
55) 4-Nitrophenol	10.15	139	209195	36.761	ng		86
56) 2,4-Dinitrotoluene	10.24	165	354704	40.120	ng	#	91
57) Fluorene	10.62	166	1150078	37.708	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	323470	39.145	ng	#	87
59) Diethylphthalate	10.48	149	1316298	41.407	ng		94
60) 4-Chlorophenyl-phenylether	10.60	204	624445	39.292	ng		94
61) 4-Nitroaniline	10.63	138	299437	40.302	ng		96
62) Azobenzene	10.77	77	1239938	37.769	ng		91
64) 4,6-Dinitro-2-methylphenol	10.65	198	45616	18.802	ng		84
65) n-Nitrosodiphenylamine	10.72	169	1088200	45.863	ng		96
66) 4-Bromophenyl-phenylether	11.10	248	382935	43.886	ng		91
67) Hexachlorobenzene	11.17	284	382966	41.714	ng	#	88
68) Atrazine	11.24	200	343241	43.131	ng		97
69) Pentachlorophenol	11.35	266	178250	40.564	ng		99
70) Phenanthrene	11.58	178	1556341	41.096	ng		98
71) Anthracene	11.64	178	1605652	41.367	ng		97
72) Carbazole	11.79	167	1425636	41.339	ng		99
73) Di-n-butylphthalate	12.11	149	1733439	44.377	ng		98
74) Fluoranthene	12.78	202	1774387	42.931	ng		95
76) Benzidine	12.90	184	1210128	43.710	ng		99
77) Pyrene	13.01	202	1811909	38.623	ng		97
79) Butylbenzylphthalate	13.62	149	810347	43.501	ng	#	95
80) Benzo(a)anthracene	14.21	228	1750213	41.157	ng		97
81) 3,3'-Dichlorobenzidine	14.17	252	711533	46.689	ng	#	96
82) Chrysene	14.24	228	1591121	40.812	ng		98
83) Bis(2-ethylhexyl)phthalate	14.17	149	1144312	45.363	ng		99
84) Di-n-octyl phthalate	14.80	149	1910818m	49.668	ng		
85) Indeno(1,2,3-cd)pyrene	17.39	276	1079497m	31.956	ng		
87) Benzo(b)fluoranthene	15.31	252	1453085	43.487	ng		97
88) Benzo(k)fluoranthene	15.34	252	1329076	43.271	ng	#	96
89) Benzo(a)pyrene	15.71	252	1230260	41.117	ng		97
90) Dibenzo(a,h)anthracene	17.41	278	920068	37.164	ng	#	95
91) Benzo(g,h,i)perylene	17.89	276	857076	35.158	ng	#	91

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

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