Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061520\
Data File : BF120625.D
Acq On : 15 Jun 2020 17:52
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
6/16/2020 11:06:52 AM

Quant Time: Jun 15 18:35:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 17:10:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	144050	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	576098	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	336837	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	648064	20.00	ng	0.00
76) Chrysene-d12	13.96	240	509617	20.00	ng	0.00
86) Perylene-d12	15.39	264	580825	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	668905	79.61	ng	-0.01
7) Phenol-d6	6.43	99	909981	86.96	ng	0.00
23) Nitrobenzene-d5	7.36	82	791531	76.80	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	310862	79.38	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1623188	73.73	ng	0.00
79) Terphenyl-d14	12.90	244	1810525	78.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.47	88	149920	37.648	ng	98
3) Pyridine	3.20	79	444823	39.735	ng	98
4) n-Nitrosodimethylamine	3.15	42	176848	38.066	ng	96
6) Aniline	6.46	93	577969	43.156	ng	97
8) 2-Chlorophenol	6.59	128	380452	40.070	ng	96
9) Benzaldehyde	6.35	77	251517	37.999	ng	99
10) Phenol	6.45	94	497544	44.562	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	381643	41.037	ng	99
12) 1,3-Dichlorobenzene	6.74	146	409886	40.608	ng	99
13) 1,4-Dichlorobenzene	6.82	146	411274	41.297	ng	99
14) 1,2-Dichlorobenzene	6.97	146	390968	40.301	ng	99
15) Benzyl Alcohol	6.94	79	330084	44.478	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	586905	43.829	ng	99
17) 2-Methylphenol	7.05	107	355628	43.916	ng	98
18) Hexachloroethane	7.31	117	149836	40.831	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	282949	46.613	ng	97
20) 3+4-Methylphenols	7.21	107	425797	42.078	ng	88
22) Acetophenone	7.21	105	505109	39.217	ng	99
24) Nitrobenzene	7.38	77	418425	38.795	ng	97
25) Isophorone	7.62	82	839380	41.809	ng	98
26) 2-Nitrophenol	7.70	139	221375	38.798	ng	96
27) 2,4-Dimethylphenol	7.73	122	339581	40.420	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	501339	43.078	ng	99
29) 2,4-Dichlorophenol	7.94	162	351175	41.122	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	367564	38.838	ng	99
31) Naphthalene	8.10	128	1142072	40.372	ng	100
32) Benzoic acid	7.86	122	279117	43.301	ng	97
33) 4-Chloroaniline	8.15	127	539287	41.534	ng	98
34) Hexachlorobutadiene	8.22	225	216231	39.196	ng	99
35) Caprolactam	8.52	113	120478m	44.110	ng	
36) 4-Chloro-3-methylphenol	8.63	107	373168	43.738	ng	100
37) 2-Methylnaphthalene	8.79	142	815941	44.184	ng	99
38) 1-Methylnaphthalene	8.89	142	767574	44.172	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	388971	38.674	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	199890	35.466	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	276687	38.781	ng	99
44) 2,4,5-Trichlorophenol	9.11	196	318678	39.371	ng	97
46) 1,1'-Biphenyl	9.26	154	1001532	39.819	ng	99
47) 2-Chloronaphthalene	9.28	162	801519	38.970	ng	99
48) 2-Nitroaniline	9.38	65	256244	39.668	ng	95
49) Acenaphthylene	9.70	152	1242484	39.143	ng	100
50) Dimethylphthalate	9.56	163	952776	39.275	ng	99
51) 2,6-Dinitrotoluene	9.62	165	216926	39.457	ng	93
52) Acenaphthene	9.87	154	761626	40.231	ng	100
53) 3-Nitroaniline	9.79	138	258126	39.090	ng	92
54) 2,4-Dinitrophenol	9.89	184	109278	37.078	ng	94
55) Dibenzofuran	10.04	168	1157088	39.862	ng	98
56) 4-Nitrophenol	9.95	139	188266	37.855	ng	98
57) 2,4-Dinitrotoluene	10.02	165	288554	39.554	ng	94
58) Fluorene	10.39	166	852152	38.081	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	251352	39.471	ng	98
60) Diethylphthalate	10.26	149	942795	39.460	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	445597	38.560	ng	96
62) 4-Nitroaniline	10.40	138	251020	38.291	ng	98
63) Azobenzene	10.53	77	883898	40.755	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	153892	39.575	ng	87
66) n-Nitrosodiphenylamine	10.49	169	808834	40.642	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	300267	40.825	ng	95
68) Hexachlorobenzene	10.93	284	316849	40.068	ng	97
69) Atrazine	11.02	200	200608	32.574	ng	99
70) Pentachlorophenol	11.12	266	180160	40.979	ng	99
71) Phenanthrene	11.34	178	1279580	39.720	ng	100
72) Anthracene	11.39	178	1302700	40.118	ng	99
73) Carbazole	11.55	167	1253948	39.010	ng	99
74) Di-n-butylphthalate	11.88	149	1472163	40.738	ng	100
75) Fluoranthene	12.53	202	1420432	38.565	ng	100
77) Benzidine	12.65	184	601004	34.871	ng	97
78) Pyrene	12.76	202	1463265	40.531	ng	100
80) Butylbenzylphthalate	13.37	149	639411	39.886	ng	99
81) Benzo(a)anthracene	13.94	228	1229799	40.167	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	466050	39.851	ng	100
83) Chrysene	13.98	228	1272633	40.522	ng	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	822638	42.048	ng	99
85) Di-n-octyl phthalate	14.54	149	1510260	40.448	ng	99
87) Indeno(1,2,3-cd)pyrene	16.81	276	1561133	44.187	ng	100
88) Benzo(b)fluoranthene	14.98	252	1331852	38.495	ng	99
89) Benzo(k)fluoranthene	15.01	252	1235489	40.356	ng	99
90) Benzo(a)pyrene	15.33	252	1236255	39.925	ng	100
91) Dibenzo(a,h)anthracene	16.83	278	1252920	44.223	ng	98
92) Benzo(g,h,i)perylene	17.24	276	1278422	44.767	ng	99

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

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