Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121723.D
Acq On : 29 Sep 2020 10:42
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 29 11:18:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 11:12:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	167319	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	609222	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	300487	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	543342	20.00	ng	0.00
76) Chrysene-d12	13.94	240	423308	20.00	ng	0.00
86) Perylene-d12	15.39	264	388951	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	919139	81.64	ng	0.00
7) Phenol-d6	6.43	99	1177644	79.73	ng	0.00
23) Nitrobenzene-d5	7.36	82	957787	84.41	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	309290	82.82	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1532639	77.25	ng	0.00
79) Terphenyl-d14	12.89	244	1673568	80.10	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.52	88	210002	40.600	ng	100
3) Pyridine	3.25	79	579485	40.526	ng	100
4) n-Nitrosodimethylamine	3.21	42	278985	42.062	ng	100
6) Aniline	6.45	93	749355	38.953	ng	100
8) 2-Chlorophenol	6.57	128	458384	39.988	ng	100
9) Benzaldehyde	6.34	77	346338	35.867	ng	100
10) Phenol	6.45	94	614440	39.064	ng	100
11) bis(2-Chloroethyl)ether	6.53	93	468801	39.545	ng	100
12) 1,3-Dichlorobenzene	6.73	146	511836	40.004	ng	100
13) 1,4-Dichlorobenzene	6.80	146	514066	40.014	ng	100
14) 1,2-Dichlorobenzene	6.96	146	467903	39.536	ng	100
15) Benzyl Alcohol	6.93	79	408593	40.698	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.07	45	712879	37.369	ng	100
17) 2-Methylphenol	7.05	107	391139	40.103	ng	100
18) Hexachloroethane	7.30	117	185928	40.419	ng	100
19) n-Nitroso-di-n-propylamine	7.21	70	319476	37.529	ng	100
20) 3+4-Methylphenols	7.20	107	447885	38.220	ng	100
22) Acetophenone	7.20	105	607274	39.288	ng	100
24) Nitrobenzene	7.37	77	506846	41.301	ng	100
25) Isophorone	7.62	82	887105	38.838	ng	100
26) 2-Nitrophenol	7.69	139	239439	41.794	ng	100
27) 2,4-Dimethylphenol	7.73	122	401779	39.407	ng	100
28) bis(2-Chloroethoxy)methane	7.82	93	546317	38.636	ng	100
29) 2,4-Dichlorophenol	7.93	162	375140	40.397	ng	100
30) 1,2,4-Trichlorobenzene	8.01	180	397335	40.626	ng	100
31) Naphthalene	8.09	128	1270697	39.512	ng	100
32) Benzoic acid	7.87	122	241042	34.044	ng	100
33) 4-Chloroaniline	8.15	127	555184	39.825	ng	100
34) Hexachlorobutadiene	8.21	225	230470	40.147	ng	100
35) Caprolactam	8.53	113	125572	40.606	ng	100
36) 4-Chloro-3-methylphenol	8.63	107	397741	39.759	ng	100
37) 2-Methylnaphthalene	8.79	142	814494	38.646	ng	100
38) 1-Methylnaphthalene	8.88	142	757123	38.600	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	383362	40.843	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	190358	35.513 ng	100
43) 2,4,6-Trichlorophenol	9.06	196	257376	40.229 ng	100
44) 2,4,5-Trichlorophenol	9.11	196	276326	40.856 ng	100
46) 1,1'-Biphenyl	9.25	154	951396	39.549 ng	100
47) 2-Chloronaphthalene	9.27	162	756911	39.928 ng	100
48) 2-Nitroaniline	9.37	65	264010	44.817 ng	100
49) Acenaphthylene	9.69	152	1163030	39.930 ng	100
50) Dimethylphthalate	9.55	163	851805	39.112 ng	100
51) 2,6-Dinitrotoluene	9.62	165	197367	42.553 ng	100
52) Acenaphthene	9.86	154	686772	37.331 ng	100
53) 3-Nitroaniline	9.79	138	226893	42.228 ng	100
54) 2,4-Dinitrophenol	9.89	184	92768	39.803 ng	100
55) Dibenzofuran	10.03	168	1018243	39.303 ng	100
56) 4-Nitrophenol	9.95	139	171166	39.945 ng	100
57) 2,4-Dinitrotoluene	10.02	165	255096	43.717 ng	100
58) Fluorene	10.37	166	782817	39.512 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	219234	39.871 ng	100
60) Diethylphthalate	10.25	149	808624	38.082 ng	100
61) 4-Chlorophenyl-phenylether	10.36	204	371648	39.160 ng	100
62) 4-Nitroaniline	10.40	138	226680	42.490 ng	100
63) Azobenzene	10.53	77	856158	37.862 ng	100
65) 4,6-Dinitro-2-methylphenol	10.43	198	141323	43.188 ng	100
66) n-Nitrosodiphenylamine	10.49	169	739479	39.670 ng	100
67) 4-Bromophenyl-phenylether	10.85	248	246730	39.884 ng	100
68) Hexachlorobenzene	10.92	284	279667	40.060 ng	100
69) Atrazine	11.01	200	182504	39.408 ng	100
70) Pentachlorophenol	11.12	266	142067	37.054 ng	100
71) Phenanthrene	11.33	178	1168932	39.486 ng	100
72) Anthracene	11.39	178	1208815	39.569 ng	100
73) Carbazole	11.54	167	1099537	39.884 ng	100
74) Di-n-butylphthalate	11.87	149	1191103	37.435 ng	100
75) Fluoranthene	12.52	202	1262854	39.962 ng	100
77) Benzidine	12.64	184	454090	32.358 ng	100
78) Pyrene	12.75	202	1271492	41.111 ng	100
80) Butylbenzylphthalate	13.37	149	505154	40.385 ng	100
81) Benzo(a)anthracene	13.93	228	1099361	41.051 ng	100
82) 3,3'-Dichlorobenzidine	13.90	252	431283	41.251 ng	100
83) Chrysene	13.97	228	1099946	40.560 ng	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	626484	37.491 ng	100
85) Di-n-octyl phthalate	14.53	149	1085227	36.800 ng	100
87) Indeno(1,2,3-cd)pyrene	16.82	276	1006205	39.724 ng	100
88) Benzo(b)fluoranthene	14.97	252	1072025	41.229 ng	100
89) Benzo(k)fluoranthene	15.00	252	967214	40.621 ng	100
90) Benzo(a)pyrene	15.33	252	909410	41.145 ng	100
91) Dibenzo(a,h)anthracene	16.83	278	816269	38.713 ng	100
92) Benzo(g,h,i)perylene	17.24	276	842090	40.629 ng	100

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

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