Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
Data File : BF121644.D
Acq On : 22 Sep 2020 17:11
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 22 17:56:54 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 22 17:53:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	136917	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	515379	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	275462	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	542167	20.00	ng	0.00
76) Chrysene-d12	13.98	240	467187	20.00	ng	0.00
86) Perylene-d12	15.43	264	470485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	731115	79.36	ng	0.00
7) Phenol-d6	6.45	99	948456	78.47	ng	0.00
23) Nitrobenzene-d5	7.38	82	799020	83.24	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	310661	90.74	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1425900	78.40	ng	0.00
79) Terphenyl-d14	12.92	244	1843129	79.93	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.52	88	161981	38.270	ng	100
3) Pyridine	3.26	79	444270	37.969	ng	99
4) n-Nitrosodimethylamine	3.22	42	203696	37.530	ng	100
6) Aniline	6.47	93	608980	38.685	ng	97
8) 2-Chlorophenol	6.60	128	375803	40.064	ng	96
9) Benzaldehyde	6.36	77	287080	36.332	ng	99
10) Phenol	6.46	94	493785	38.364	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	388022	39.999	ng	100
12) 1,3-Dichlorobenzene	6.75	146	418658	39.987	ng	97
13) 1,4-Dichlorobenzene	6.83	146	425374	40.463	ng	97
14) 1,2-Dichlorobenzene	6.99	146	390437	40.316	ng	100
15) Benzyl Alcohol	6.96	79	336752	40.990	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	609567	39.049	ng	99
17) 2-Methylphenol	7.07	107	318520	39.909	ng	98
18) Hexachloroethane	7.32	117	156211	41.499	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	273456	39.256	ng	99
20) 3+4-Methylphenols	7.23	107	372233	38.817	ng	97
22) Acetophenone	7.22	105	513499	39.270	ng	99
24) Nitrobenzene	7.40	77	423607	40.803	ng	97
25) Isophorone	7.64	82	767446	39.718	ng	97
26) 2-Nitrophenol	7.71	139	199489	41.200	ng	94
27) 2,4-Dimethylphenol	7.75	122	341162	39.554	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	486894	40.703	ng	99
29) 2,4-Dichlorophenol	7.96	162	320923	40.851	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	338105	40.865	ng	98
31) Naphthalene	8.12	128	1091406	40.116	ng	99
32) Benzoic acid	7.89	122	208621	34.670	ng	98
33) 4-Chloroaniline	8.17	127	479657	40.673	ng	98
34) Hexachlorobutadiene	8.23	225	207670	42.762	ng	99
35) Caprolactam	8.55	113	111478	42.612	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	348946	41.233	ng	98
37) 2-Methylnaphthalene	8.81	142	720417	40.407	ng	99
38) 1-Methylnaphthalene	8.91	142	672296	40.516	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	347855	40.427	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	178887	36.405 ng	99
43) 2,4,6-Trichlorophenol	9.09	196	233340	39.785 ng	98
44) 2,4,5-Trichlorophenol	9.13	196	255559	41.218 ng	96
46) 1,1'-Biphenyl	9.27	154	874027	39.634 ng	100
47) 2-Chloronaphthalene	9.30	162	693431	39.903 ng	99
48) 2-Nitroaniline	9.40	65	231368	42.844 ng	99
49) Acenaphthylene	9.72	152	1073520	40.206 ng	100
50) Dimethylphthalate	9.58	163	835338	41.840 ng	100
51) 2,6-Dinitrotoluene	9.64	165	185150	43.545 ng	97
52) Acenaphthene	9.89	154	631878	37.468 ng	99
53) 3-Nitroaniline	9.81	138	207389	42.105 ng	98
54) 2,4-Dinitrophenol	9.92	184	87020	40.519 ng	97
55) Dibenzofuran	10.06	168	963919	40.587 ng	99
56) 4-Nitrophenol	9.97	139	159851	40.694 ng	96
57) 2,4-Dinitrotoluene	10.05	165	250544	46.838 ng	99
58) Fluorene	10.40	166	744126	40.971 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	214851	42.624 ng	100
60) Diethylphthalate	10.27	149	830609	42.671 ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	368158	42.316 ng	98
62) 4-Nitroaniline	10.43	138	212263	43.402 ng	95
63) Azobenzene	10.55	77	841324	40.586 ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	136912	42.130 ng	81
66) n-Nitrosodiphenylamine	10.52	169	718108	38.607 ng	99
67) 4-Bromophenyl-phenylether	10.88	248	252839	40.960 ng	95
68) Hexachlorobenzene	10.95	284	284320	40.814 ng	95
69) Atrazine	11.04	200	192184	41.588 ng	98
70) Pentachlorophenol	11.15	266	146045	38.174 ng	99
71) Phenanthrene	11.36	178	1153666	39.055 ng	100
72) Anthracene	11.42	178	1205237	39.537 ng	100
73) Carbazole	11.57	167	1091999	39.697 ng	100
74) Di-n-butylphthalate	11.90	149	1331838	41.949 ng	100
75) Fluoranthene	12.55	202	1297939	41.161 ng	100
77) Benzidine	12.67	184	616170	39.783 ng	99
78) Pyrene	12.78	202	1311110	38.411 ng	100
80) Butylbenzylphthalate	13.40	149	580904	42.079 ng	98
81) Benzo(a)anthracene	13.97	228	1172566	39.672 ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	488222	42.311 ng	99
83) Chrysene	14.01	228	1189345	39.738 ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	783036	42.459 ng	99
85) Di-n-octyl phthalate	14.57	149	1397366	42.934 ng	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	1252773	40.888 ng	100
88) Benzo(b)fluoranthene	15.01	252	1183676	37.634 ng	99
89) Benzo(k)fluoranthene	15.04	252	1190709	41.341 ng	99
90) Benzo(a)pyrene	15.37	252	1070672	40.047 ng	100
91) Dibenzo(a,h)anthracene	16.89	278	1029104	40.349 ng	98
92) Benzo(g,h,i)perylene	17.32	276	1019490	40.664 ng	100

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

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