Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
Data File : BF121095.D
Acq On : 29 Jul 2020 11:32
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/30/2020 3:33:14 PM

Quant Time: Jul 29 15:07:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	186934	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	678486	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	346474	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	648051	20.00	ng	0.00
76) Chrysene-d12	13.96	240	509885	20.00	ng	0.00
86) Perylene-d12	15.40	264	520848	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	868773	76.19	ng	0.00
7) Phenol-d6	6.45	99	1125546	76.41	ng	0.00
23) Nitrobenzene-d5	7.37	82	954637	81.41	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	311479	82.13	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1589786	68.51	ng	0.00
79) Terphenyl-d14	12.91	244	1720566	73.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.51	88	209158	39.855	ng	100
3) Pyridine	3.25	79	568710	40.737	ng	100
4) n-Nitrosodimethylamine	3.20	42	229419	38.431	ng	100
6) Aniline	6.47	93	709438	36.898	ng	100
8) 2-Chlorophenol	6.59	128	490110	39.016	ng	100
9) Benzaldehyde	6.35	77	297626	42.361	ng	100
10) Phenol	6.46	94	607218	37.476	ng	100
11) bis(2-Chloroethyl)ether	6.55	93	490751	39.520	ng	100
12) 1,3-Dichlorobenzene	6.75	146	524149	38.480	ng	100
13) 1,4-Dichlorobenzene	6.82	146	528805	39.042	ng	100
14) 1,2-Dichlorobenzene	6.97	146	486156	37.940	ng	100
15) Benzyl Alcohol	6.95	79	381102	36.586	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	681147	38.056	ng	100
17) 2-Methylphenol	7.07	107	425466	38.214	ng	100
18) Hexachloroethane	7.32	117	195206	39.819	ng	100
19) n-Nitroso-di-n-propylamine	7.23	70	300863	35.921	ng	100
20) 3+4-Methylphenols	7.22	107	463920	32.755	ng	100
22) Acetophenone	7.22	105	574304	37.716	ng	100
24) Nitrobenzene	7.39	77	515020	40.752	ng	100
25) Isophorone	7.63	82	930529	39.763	ng	100
26) 2-Nitrophenol	7.70	139	269654	44.926	ng	100
27) 2,4-Dimethylphenol	7.75	122	391698	40.194	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	570357	39.927	ng	100
29) 2,4-Dichlorophenol	7.95	162	407613	40.932	ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	448360	40.582	ng	100
31) Naphthalene	8.11	128	1370769	39.386	ng	100
32) Benzoic acid	7.88	122	273875	37.438	ng	100
33) 4-Chloroaniline	8.16	127	611979	39.418	ng	100
34) Hexachlorobutadiene	8.23	225	261229	40.109	ng	100
35) Caprolactam	8.55	113	133256	41.728	ng	100
36) 4-Chloro-3-methylphenol	8.65	107	414969	40.631	ng	100
37) 2-Methylnaphthalene	8.80	142	894070	39.564	ng	100
38) 1-Methylnaphthalene	8.90	142	840809	39.286	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	413235	40.936	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	222050	39.800	ng	100
43) 2,4,6-Trichlorophenol	9.08	196	289414	40.719	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	331195	41.079	ng	100
46) 1,1'-Biphenyl	9.26	154	1053585	39.865	ng	100
47) 2-Chloronaphthalene	9.29	162	854806	39.670	ng	100
48) 2-Nitroaniline	9.39	65	275393	42.291	ng	100
49) Acenaphthylene	9.70	152	1320913	39.460	ng	100
50) Dimethylphthalate	9.57	163	998721	39.955	ng	100
51) 2,6-Dinitrotoluene	9.63	165	229913	42.813	ng	100
52) Acenaphthene	9.87	154	853157m	40.088	ng	
53) 3-Nitroaniline	9.80	138	282143	41.891	ng	100
54) 2,4-Dinitrophenol	9.90	184	123998	43.522	ng	100
55) Dibenzofuran	10.05	168	1192057	38.733	ng	100
56) 4-Nitrophenol	9.96	139	203485	39.773	ng	100
57) 2,4-Dinitrotoluene	10.03	165	303490	43.035	ng	100
58) Fluorene	10.39	166	845012	36.814	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	250214	40.761	ng	100
60) Diethylphthalate	10.26	149	983311	38.892	ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	431034	35.207	ng	100
62) 4-Nitroaniline	10.42	138	281009	42.832	ng	100
63) Azobenzene	10.54	77	929344	38.611	ng	100
65) 4,6-Dinitro-2-methylphenol	10.44	198	164380	44.161	ng	100
66) n-Nitrosodiphenylamine	10.50	169	825800	40.507	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	303903	42.061	ng	100
68) Hexachlorobenzene	10.94	284	328004	41.967	ng	100
69) Atrazine	11.03	200	181542	35.957	ng	100
70) Pentachlorophenol	11.13	266	181416	40.517	ng	100
71) Phenanthrene	11.35	178	1301914	39.062	ng	100
72) Anthracene	11.40	178	1315477	39.306	ng	100
73) Carbazole	11.56	167	1322273	39.811	ng	100
74) Di-n-butylphthalate	11.89	149	1510788	39.417	ng	100
75) Fluoranthene	12.54	202	1450834	39.272	ng	100
77) Benzidine	12.66	184	528248	39.404	ng	100
78) Pyrene	12.76	202	1481808	41.105	ng	100
80) Butylbenzylphthalate	13.39	149	664705	41.363	ng	100
81) Benzo(a)anthracene	13.95	228	1228261	39.780	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	485817	41.706	ng	100
83) Chrysene	13.99	228	1268635	39.098	ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	789954	39.864	ng	100
85) Di-n-octyl phthalate	14.55	149	1500023	38.048	ng	100
87) Indeno(1,2,3-cd)pyrene	16.83	276	1328297	36.670	ng	100
88) Benzo(b)fluoranthene	14.99	252	1354791	43.032	ng	100
89) Benzo(k)fluoranthene	15.02	252	1207447	42.053	ng	100
90) Benzo(a)pyrene	15.34	252	1203691	41.905	ng	100
91) Dibenzo(a,h)anthracene	16.85	278	1081115	36.538	ng	100
92) Benzo(g,h,i)perylene	17.26	276	1049100	35.960	ng	100

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

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