Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120505.D
Acq On : 3 Jun 2020 12:42
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/4/2020 12:12:06 PM

Quant Time: Jun 03 14:39:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 03 14:26:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	244932	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	962874	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	518157	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1003253	20.00	ng	0.00
76) Chrysene-d12	14.01	240	766149	20.00	ng	0.00
86) Perylene-d12	15.46	264	835173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	990768	77.09	ng	0.00
7) Phenol-d6	6.47	99	1288730	81.35	ng	0.00
23) Nitrobenzene-d5	7.40	82	1208031	82.07	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	414848	86.41	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2166033	70.93	ng	0.00
79) Terphenyl-d14	12.95	244	2445048	71.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.57	88	236184	37.098	ng	100
3) Pyridine	3.33	79	651292	36.937	ng	100
4) n-Nitrosodimethylamine	3.29	42	288329	38.641	ng	100
6) Aniline	6.50	93	881759	39.920	ng	100
8) 2-Chlorophenol	6.63	128	593872	40.980	ng	100
9) Benzaldehyde	6.39	77	325006	33.662	ng	100
10) Phenol	6.49	94	735931	42.482	ng	100
11) bis(2-Chloroethyl)ether	6.57	93	606358	41.887	ng	100
12) 1,3-Dichlorobenzene	6.78	146	652788	41.001	ng	100
13) 1,4-Dichlorobenzene	6.86	146	657470	41.390	ng	100
14) 1,2-Dichlorobenzene	7.01	146	600730	40.944	ng	100
15) Benzyl Alcohol	6.98	79	500235	41.890	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	904545	39.636	ng	100
17) 2-Methylphenol	7.10	107	542126	41.835	ng	100
18) Hexachloroethane	7.35	117	244779	42.097	ng	100
19) n-Nitroso-di-n-propylamine	7.26	70	400447	39.767	ng	100
20) 3+4-Methylphenols	7.25	107	581759	35.536	ng	100
22) Acetophenone	7.25	105	752905	38.501	ng	100
24) Nitrobenzene	7.42	77	638618	40.275	ng	100
25) Isophorone	7.66	82	1200087	40.564	ng	100
26) 2-Nitrophenol	7.74	139	336018	47.001	ng	100
27) 2,4-Dimethylphenol	7.77	122	503746	40.574	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	727713	40.845	ng	100
29) 2,4-Dichlorophenol	7.98	162	520737	41.525	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	575293	40.880	ng	100
31) Naphthalene	8.15	128	1694726	40.076	ng	100
32) Benzoic acid	7.92	122	385770	41.871	ng	100
33) 4-Chloroaniline	8.19	127	794320	42.383	ng	100
34) Hexachlorobutadiene	8.26	225	342055	41.006	ng	100
35) Caprolactam	8.58	113	172111	42.379	ng	100
36) 4-Chloro-3-methylphenol	8.68	107	527096	41.429	ng	100
37) 2-Methylnaphthalene	8.83	142	1151665	41.116	ng	100
38) 1-Methylnaphthalene	8.93	142	1081527	40.907	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	545638	41.063	ng	100

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Quant Time: Jun 03 14:39:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 03 14:26:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	346912	46.778	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	397021	41.313	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	451116	41.411	ng	100
46) 1,1'-Biphenyl	9.30	154	1357198	39.872	ng	100
47) 2-Chloronaphthalene	9.33	162	1110794	39.630	ng	100
48) 2-Nitroaniline	9.42	65	353380	41.393	ng	100
49) Acenaphthylene	9.74	152	1739088	40.151	ng	100
50) Dimethylphthalate	9.60	163	1338006	41.304	ng	100
51) 2,6-Dinitrotoluene	9.66	165	303730	42.191	ng	100
52) Acenaphthene	9.92	154	1102186m	40.773	ng	
53) 3-Nitroaniline	9.83	138	355638	42.069	ng	100
54) 2,4-Dinitrophenol	9.94	184	157786	56.857	ng	100
55) Dibenzofuran	10.09	168	1553783	39.553	ng	100
56) 4-Nitrophenol	9.99	139	270082	41.731	ng	100
57) 2,4-Dinitrotoluene	10.07	165	394987	42.871	ng	100
58) Fluorene	10.43	166	1139905	38.668	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	351203	41.373	ng	100
60) Diethylphthalate	10.30	149	1339609	40.923	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	595080	37.233	ng	100
62) 4-Nitroaniline	10.45	138	351440	44.036	ng	100
63) Azobenzene	10.58	77	1206803	39.193	ng	100
65) 4,6-Dinitro-2-methylphenol	10.48	198	219736	60.048	ng	100
66) n-Nitrosodiphenylamine	10.54	169	1110950	39.864	ng	100
67) 4-Bromophenyl-phenylether	10.91	248	410368	40.522	ng	100
68) Hexachlorobenzene	10.97	284	442976	41.074	ng	100
69) Atrazine	11.06	200	321010	40.867	ng	100
70) Pentachlorophenol	11.17	266	252025	38.221	ng	100
71) Phenanthrene	11.39	178	1722076	38.955	ng	100
72) Anthracene	11.44	178	1754603	39.559	ng	100
73) Carbazole	11.60	167	1730141	40.329	ng	100
74) Di-n-butylphthalate	11.92	149	2023436	40.546	ng	100
75) Fluoranthene	12.58	202	1924705	40.463	ng	100
77) Benzidine	12.69	184	739812	36.751	ng	100
78) Pyrene	12.81	202	1967627	36.929	ng	100
80) Butylbenzylphthalate	13.42	149	889829	40.004	ng	100
81) Benzo(a)anthracene	14.00	228	1676661	40.833	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	630253	42.278	ng	100
83) Chrysene	14.04	228	1654203	38.427	ng	100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1141846	43.730	ng	100
85) Di-n-octyl phthalate	14.60	149	2025292	44.826	ng	100
87) Indeno(1,2,3-cd)pyrene	16.92	276	1785431	39.086	ng	100
88) Benzo(b)fluoranthene	15.04	252	1839925	39.664	ng	100
89) Benzo(k)fluoranthene	15.07	252	1537876	35.512	ng	100
90) Benzo(a)pyrene	15.40	252	1601558	39.471	ng	100
91) Dibenzo(a,h)anthracene	16.94	278	1446731	38.847	ng	100
92) Benzo(g,h,i)perylene	17.36	276	1424430	38.780	ng	100

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

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