Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120819.D
Acq On : 10 Jul 2020 8:50
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
7/13/2020 1:04:17 PM

Quant Time: Jul 10 11:03:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	146584	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	527603	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	254564	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	443246	20.00	ng		0.00
76) Chrysene-d12	14.01	240	334978	20.00	ng		0.00
86) Perylene-d12	15.46	264	279722	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	716100	75.41	ng		0.00
7) Phenol-d6	6.47	99	903745	74.53	ng		0.00
23) Nitrobenzene-d5	7.41	82	762843	83.77	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	211374	82.65	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1322104	78.58	ng		0.00
79) Terphenyl-d14	12.96	244	1350312	78.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	165433	38.138	ng		99
3) Pyridine	3.33	79	448910	37.782	ng		99
4) n-Nitrosodimethylamine	3.28	42	216589	36.439	ng	#	99
6) Aniline	6.51	93	575743	36.968	ng		98
8) 2-Chlorophenol	6.63	128	384414	38.023	ng		98
9) Benzaldehyde	6.40	77	239567	33.217	ng		97
10) Phenol	6.49	94	463984m	37.194	ng		
11) bis(2-Chloroethyl)ether	6.59	93	379478	37.382	ng		98
12) 1,3-Dichlorobenzene	6.79	146	418251	37.585	ng		99
13) 1,4-Dichlorobenzene	6.87	146	420543	37.731	ng		99
14) 1,2-Dichlorobenzene	7.02	146	399735	37.696	ng		99
15) Benzyl Alcohol	6.99	79	332464	36.489	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	578101	36.511	ng		99
17) 2-Methylphenol	7.09	107	338905	37.472	ng		98
18) Hexachloroethane	7.36	117	159823	38.151	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	262617	35.967	ng		96
20) 3+4-Methylphenols	7.25	107	419034	37.617	ng		93
22) Acetophenone	7.26	105	506210	38.600	ng	#	95
24) Nitrobenzene	7.43	77	417088	40.792	ng		97
25) Isophorone	7.67	82	725154	36.925	ng		98
26) 2-Nitrophenol	7.75	139	162496	38.646	ng		96
27) 2,4-Dimethylphenol	7.78	122	298568	38.085	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	446074	38.378	ng		99
29) 2,4-Dichlorophenol	7.99	162	305279	39.007	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	346256	39.390	ng		98
31) Naphthalene	8.16	128	1091416	38.708	ng		99
32) Benzoic acid	7.89	122	184821	34.631	ng		99
33) 4-Chloroaniline	8.20	127	453889	37.935	ng		97
34) Hexachlorobutadiene	8.27	225	210941	39.900	ng		100
35) Caprolactam	8.57	113	82701	36.265	ng		96
36) 4-Chloro-3-methylphenol	8.67	107	305509	37.527	ng		97
37) 2-Methylnaphthalene	8.85	142	701304	38.261	ng		99
38) 1-Methylnaphthalene	8.95	142	658201	38.336	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	315123	40.959	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	173424	38.152	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	202700	38.665	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	233294	40.099	ng		98
46) 1,1'-Biphenyl	9.31	154	819871	39.928	ng		99
47) 2-Chloronaphthalene	9.33	162	654968	39.815	ng		98
48) 2-Nitroaniline	9.42	65	204517	41.874	ng		95
49) Acenaphthylene	9.75	152	993477	38.520	ng		99
50) Dimethylphthalate	9.61	163	721098	38.831	ng		99
51) 2,6-Dinitrotoluene	9.67	165	147825	40.431	ng		86
52) Acenaphthene	9.92	154	627937	39.246	ng		98
53) 3-Nitroaniline	9.83	138	181360	40.424	ng		98
54) 2,4-Dinitrophenol	9.93	184	46104	37.501	ng	#	81
55) Dibenzofuran	10.09	168	902517	39.132	ng		97
56) 4-Nitrophenol	9.98	139	128407	38.810	ng		93
57) 2,4-Dinitrotoluene	10.07	165	192229	42.211	ng	#	84
58) Fluorene	10.43	166	673298	39.221	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	166694m	38.502	ng		
60) Diethylphthalate	10.31	149	745230	38.524	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	346677	40.172	ng		96
62) 4-Nitroaniline	10.45	138	171350	43.429	ng		97
63) Azobenzene	10.59	77	748137	37.807	ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	68272	38.288	ng		80
66) n-Nitrosodiphenylamine	10.55	169	597868	40.243	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	207098	40.278	ng		96
68) Hexachlorobenzene	10.98	284	220352	40.841	ng		92
69) Atrazine	11.07	200	140967	36.831	ng		98
70) Pentachlorophenol	11.17	266	118415	38.792	ng		98
71) Phenanthrene	11.39	178	962405	40.017	ng		100
72) Anthracene	11.45	178	957497	39.399	ng		99
73) Carbazole	11.60	167	919357	39.366	ng		99
74) Di-n-butylphthalate	11.93	149	1114609	38.549	ng		100
75) Fluoranthene	12.58	202	997685	38.942	ng		100
77) Benzidine	12.70	184	331376	35.048	ng		99
78) Pyrene	12.81	202	1030842	38.531	ng		100
80) Butylbenzylphthalate	13.43	149	420426	36.400	ng		97
81) Benzo(a)anthracene	14.00	228	859246	40.016	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	271752	37.502	ng		99
83) Chrysene	14.03	228	854378	39.008	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	578769	38.212	ng		100
85) Di-n-octyl phthalate	14.61	149	932341	34.794	ng		100
87) Indeno(1,2,3-cd)pyrene	16.92	276	725846	40.456	ng		99
88) Benzo(b)fluoranthene	15.04	252	725204	39.436	ng		98
89) Benzo(k)fluoranthene	15.07	252	737854	41.234	ng		100
90) Benzo(a)pyrene	15.40	252	655919	39.984	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	609220	40.740	ng		99
92) Benzo(g,h,i)perylene	17.36	276	551197	40.331	ng		99

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

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