Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021220\
Data File : BF118909.D
Acq On : 12 Feb 2020 10:52
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
2/13/2020 3:34:13 PM

Quant Time: Feb 13 00:13:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	275292	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1058102	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	606888	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1204352	20.00	ng		0.00
76) Chrysene-d12	13.97	240	815744	20.00	ng		0.00
87) Perylene-d12	15.42	264	794539	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1615395	111.08	ng		0.00
7) Phenol-d6	6.46	99	1531171	84.81	ng		0.00
23) Nitrobenzene-d5	7.38	82	1483745	83.58	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	637752	87.83	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	2766094	81.48	ng		0.00
79) Terphenyl-d14	12.92	244	3501166	88.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	362621	54.712	ng		100
3) Pyridine	3.27	79	1047970	56.943	ng		98
4) n-Nitrosodimethylamine	3.22	42	396757	59.212	ng		98
6) Aniline	6.47	93	944797	40.634	ng	#	58
8) 2-Chlorophenol	6.60	128	703245	43.414	ng		98
9) Benzaldehyde	6.36	77	445249	44.437	ng		99
10) Phenol	6.47	94	816377	40.669	ng		75
11) bis(2-Chloroethyl)ether	6.55	93	667452	43.461	ng		97
12) 1,3-Dichlorobenzene	6.75	146	832203	43.161	ng		100
13) 1,4-Dichlorobenzene	6.83	146	838680	43.607	ng		99
14) 1,2-Dichlorobenzene	6.99	146	758796	41.301	ng		99
15) Benzyl Alcohol	6.96	79	606899	43.491	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	790069	42.009	ng		85
17) 2-Methylphenol	7.07	107	583458	43.324	ng		96
18) Hexachloroethane	7.32	117	304549	44.119	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	474238	42.933	ng		99
20) 3+4-Methylphenols	7.23	107	662201	39.228	ng		93
22) Acetophenone	7.22	105	944823	41.100	ng	#	98
24) Nitrobenzene	7.40	77	742152	41.849	ng		96
25) Isophorone	7.64	82	1349510	42.299	ng		98
26) 2-Nitrophenol	7.71	139	417014	44.129	ng		99
27) 2,4-Dimethylphenol	7.75	122	542830	42.287	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	882012	42.634	ng		99
29) 2,4-Dichlorophenol	7.96	162	645753	42.006	ng		100
30) 1,2,4-Trichlorobenzene	8.04	180	752338	41.869	ng		100
31) Naphthalene	8.12	128	2028767	41.923	ng		100
32) Benzoic acid	7.90	122	428491	40.317	ng		99
33) 4-Chloroaniline	8.16	127	917473	42.375	ng		99
34) Hexachlorobutadiene	8.23	225	476786	43.310	ng		98
35) Caprolactam	8.56	113	213098m	42.760	ng		
36) 4-Chloro-3-methylphenol	8.66	107	662165	42.801	ng		100
37) 2-Methylnaphthalene	8.80	142	1400224	41.719	ng		97
38) 1-Methylnaphthalene	8.90	142	1318217	41.751	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	758807	41.428	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	267997	37.314	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	504378	41.180	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	520952	41.626	ng		95
46) 1,1'-Biphenyl	9.27	154	1746319	41.598	ng		98
47) 2-Chloronaphthalene	9.30	162	1451289	41.584	ng		100
48) 2-Nitroaniline	9.39	65	441437	43.854	ng		92
49) Acenaphthylene	9.71	152	2098012	41.634	ng		100
50) Dimethylphthalate	9.57	163	1836391	44.440	ng		99
51) 2,6-Dinitrotoluene	9.64	165	404250	42.754	ng		93
52) Acenaphthene	9.89	154	1266673	38.146	ng		100
53) 3-Nitroaniline	9.81	138	455210	43.411	ng		98
54) 2,4-Dinitrophenol	9.92	184	200397	44.087	ng		98
55) Dibenzofuran	10.06	168	1891348	39.413	ng		99
56) 4-Nitrophenol	9.97	139	281371	37.075	ng		97
57) 2,4-Dinitrotoluene	10.05	165	526637	42.088	ng	#	84
58) Fluorene	10.40	166	1507142	41.746	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	442501	40.487	ng		98
60) Diethylphthalate	10.27	149	1720977	42.829	ng		100
61) 4-Chlorophenyl-phenylether	10.39	204	796359	40.674	ng		96
62) 4-Nitroaniline	10.43	138	487784	46.451	ng		97
63) Azobenzene	10.55	77	1533034	44.688	ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	301398	44.537	ng		99
66) n-Nitrosodiphenylamine	10.51	169	1423242	40.798	ng		98
67) 4-Bromophenyl-phenylether	10.87	248	592381	41.579	ng		95
68) Hexachlorobenzene	10.95	284	666899	40.811	ng		99
69) Atrazine	11.03	200	456745	39.299	ng		100
70) Pentachlorophenol	11.14	266	299568	34.719	ng		99
71) Phenanthrene	11.36	178	2325655	39.248	ng		99
72) Anthracene	11.41	178	2360141	40.037	ng		100
73) Carbazole	11.56	167	2168527	41.917	ng		99
74) Di-n-butylphthalate	11.89	149	2753699	41.784	ng		99
75) Fluoranthene	12.54	202	2555553	39.500	ng		99
77) Benzidine	12.66	184	1133523	45.942	ng		99
78) Pyrene	12.77	202	2537841	45.349	ng		100
80) Butylbenzylphthalate	13.39	149	1212614	47.474	ng		99
81) Benzo(a)anthracene	13.96	228	2132456	43.930	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	881645	44.408	ng		98
83) Chrysene	14.00	228	2058635	42.255	ng		100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1600095	49.376	ng		99
85) Di-n-octyl phthalate	14.56	149	2491669	44.881	ng		99
86) Indeno(1,2,3-cd)pyrene	16.88	276	1944243	39.720	ng		100
88) Benzo(b)fluoranthene	15.00	252	2212925	44.884	ng		100
89) Benzo(k)fluoranthene	15.03	252	1738213	40.487	ng		99
90) Benzo(a)pyrene	15.36	252	1795645	42.557	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	1586306	42.350	ng		99
92) Benzo(g,h,i)perylene	17.31	276	1555673	43.186	ng		99

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

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