Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119027.D
Acq On : 24 Feb 2020 17:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 25 00:25:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	190651	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	724862	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	417056	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	797183	20.00	ng		0.00
76) Chrysene-d12	13.92	240	570135	20.00	ng		0.00
87) Perylene-d12	15.34	264	521231	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	917327	80.41	ng		0.00
7) Phenol-d6	6.40	99	1146598	82.64	ng		0.00
23) Nitrobenzene-d5	7.33	82	1095523	79.80	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	458507	84.04	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	2136112	75.45	ng		0.00
79) Terphenyl-d14	12.86	244	2657520	80.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	189226	37.254	ng		99
3) Pyridine	3.16	79	547230	39.449	ng		99
4) n-Nitrosodimethylamine	3.12	42	169162	40.256	ng		97
6) Aniline	6.42	93	691097	40.368	ng	#	63
8) 2-Chlorophenol	6.55	128	512065	41.592	ng		96
9) Benzaldehyde	6.30	77	366380	39.524	ng		99
10) Phenol	6.42	94	606298	40.418	ng		90
11) bis(2-Chloroethyl)ether	6.50	93	482361	42.026	ng		98
12) 1,3-Dichlorobenzene	6.70	146	606989	41.134	ng		99
13) 1,4-Dichlorobenzene	6.77	146	611647	41.422	ng		99
14) 1,2-Dichlorobenzene	6.93	146	559263	41.529	ng		98
15) Benzyl Alcohol	6.90	79	436436	43.524	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	422849	42.529	ng		91
17) 2-Methylphenol	7.02	107	419827	42.060	ng		96
18) Hexachloroethane	7.27	117	218217	41.306	ng		99
19) n-Nitroso-di-n-propylamine	7.18	70	347967	43.040	ng		99
20) 3+4-Methylphenols	7.17	107	502973	41.130	ng	#	90
22) Acetophenone	7.17	105	680759	40.590	ng	#	97
24) Nitrobenzene	7.34	77	545776	40.201	ng		96
25) Isophorone	7.59	82	977300	40.990	ng		99
26) 2-Nitrophenol	7.66	139	293431	40.793	ng		96
27) 2,4-Dimethylphenol	7.70	122	394965	40.457	ng		99
28) bis(2-Chloroethoxy)methane	7.79	93	630236	40.611	ng		100
29) 2,4-Dichlorophenol	7.90	162	465549	40.508	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	535750	39.317	ng		100
31) Naphthalene	8.06	128	1490288	39.643	ng		100
32) Benzoic acid	7.85	122	294783	42.303	ng		98
33) 4-Chloroaniline	8.11	127	646871	40.007	ng		98
34) Hexachlorobutadiene	8.18	225	335973	39.583	ng		98
35) Caprolactam	8.50	113	152669	43.141	ng		99
36) 4-Chloro-3-methylphenol	8.60	107	488878	42.031	ng		97
37) 2-Methylnaphthalene	8.75	142	1038059	41.032	ng		99
38) 1-Methylnaphthalene	8.85	142	968385	40.702	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	543732	38.668	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	171341	38.939	ng		97
43) 2,4,6-Trichlorophenol	9.03	196	353887	39.854	ng		98
44) 2,4,5-Trichlorophenol	9.08	196	372060	39.929	ng		97
46) 1,1'-Biphenyl	9.22	154	1313353	38.964	ng		98
47) 2-Chloronaphthalene	9.24	162	1061311	39.073	ng		97
48) 2-Nitroaniline	9.34	65	313793	41.419	ng		99
49) Acenaphthylene	9.66	152	1560037	39.766	ng		100
50) Dimethylphthalate	9.52	163	1317846	41.323	ng		100
51) 2,6-Dinitrotoluene	9.58	165	293984	41.492	ng		96
52) Acenaphthene	9.83	154	943368	39.879	ng		99
53) 3-Nitroaniline	9.75	138	322401	41.044	ng		96
54) 2,4-Dinitrophenol	9.86	184	130288	41.774	ng	#	90
55) Dibenzofuran	10.00	168	1397792	39.588	ng		98
56) 4-Nitrophenol	9.92	139	184083	39.005	ng		94
57) 2,4-Dinitrotoluene	9.99	165	378471	41.210	ng	#	92
58) Fluorene	10.34	166	1118090	40.752	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	318930	40.564	ng		98
60) Diethylphthalate	10.22	149	1256127	41.796	ng		99
61) 4-Chlorophenyl-phenylether	10.33	204	591678	40.742	ng		98
62) 4-Nitroaniline	10.37	138	338000	42.058	ng		99
63) Azobenzene	10.49	77	1071290	41.009	ng		98
65) 4,6-Dinitro-2-methylphenol	10.40	198	205720	42.646	ng		96
66) n-Nitrosodiphenylamine	10.45	169	1032456	39.554	ng		99
67) 4-Bromophenyl-phenylether	10.82	248	415396	39.864	ng		97
68) Hexachlorobenzene	10.89	284	477989	39.786	ng		98
69) Atrazine	10.98	200	344099	37.730	ng		99
70) Pentachlorophenol	11.09	266	194821	40.256	ng		99
71) Phenanthrene	11.30	178	1700144	39.107	ng		99
72) Anthracene	11.35	178	1721584	39.633	ng		99
73) Carbazole	11.51	167	1543902	39.896	ng		99
74) Di-n-butylphthalate	11.84	149	1955536	41.728	ng		100
75) Fluoranthene	12.49	202	1843681	39.952	ng		99
77) Benzidine	12.60	184	849371	36.631	ng		99
78) Pyrene	12.72	202	1833973	40.060	ng		99
80) Butylbenzylphthalate	13.33	149	825666	42.852	ng		99
81) Benzo(a)anthracene	13.90	228	1572280	40.474	ng		99
82) 3,3'-Dichlorobenzidine	13.86	252	622248	41.251	ng		98
83) Chrysene	13.94	228	1525652	39.415	ng		99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1043406	42.864	ng		98
85) Di-n-octyl phthalate	14.50	149	1602705	41.323	ng		99
86) Indeno(1,2,3-cd)pyrene	16.75	276	1292122	34.475	ng		99
88) Benzo(b)fluoranthene	14.93	252	1451978	42.262	ng		99
89) Benzo(k)fluoranthene	14.96	252	1340872	42.114	ng		99
90) Benzo(a)pyrene	15.28	252	1248047	40.249	ng		99
91) Dibenzo(a,h)anthracene	16.76	278	1063133	38.966	ng		99
92) Benzo(g,h,i)perylene	17.17	276	1039207	38.550	ng		98

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

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