Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119931.D
Acq On : 14 Apr 2020 3:26
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 14 05:04:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 13:37:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	227371	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	842091	20.00	ng		0.00
39) Acenaphthene-d10	9.78	164	439993	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	844613	20.00	ng		0.00
76) Chrysene-d12	13.91	240	614432	20.00	ng		0.00
87) Perylene-d12	15.33	264	615544	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1042176	79.21	ng		0.00
7) Phenol-d6	6.37	99	1338098	78.93	ng		0.00
23) Nitrobenzene-d5	7.31	82	1220706	74.99	ng		0.00
42) 2,4,6-Tribromophenol	10.57	330	399159	74.10	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	2265176	73.09	ng		0.00
79) Terphenyl-d14	12.86	244	2504133	68.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	233334	39.818	ng		97
3) Pyridine	3.09	79	631388	39.271	ng		98
4) n-Nitrosodimethylamine	3.06	42	297316	36.193	ng		95
6) Aniline	6.40	93	877372	39.431	ng		100
8) 2-Chlorophenol	6.53	128	566377	38.528	ng		98
9) Benzaldehyde	6.29	77	366636	40.554	ng		99
10) Phenol	6.39	94	754848	39.247	ng		93
11) bis(2-Chloroethyl)ether	6.48	93	569816	38.371	ng		99
12) 1,3-Dichlorobenzene	6.68	146	616053	38.279	ng		98
13) 1,4-Dichlorobenzene	6.76	146	625331	38.144	ng		99
14) 1,2-Dichlorobenzene	6.91	146	581002	38.455	ng		99
15) Benzyl Alcohol	6.89	79	500306	37.996	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1038651	35.943	ng		98
17) 2-Methylphenol	7.00	107	515601	39.303	ng		98
18) Hexachloroethane	7.25	117	232584	37.961	ng		98
19) n-Nitroso-di-n-propylamine	7.16	70	405637	37.209	ng		99
20) 3+4-Methylphenols	7.16	107	624474	38.921	ng		92
22) Acetophenone	7.16	105	740389	37.547	ng	#	98
24) Nitrobenzene	7.33	77	621356	37.947	ng		99
25) Isophorone	7.57	82	1179650	37.595	ng		100
26) 2-Nitrophenol	7.65	139	318341	38.914	ng		89
27) 2,4-Dimethylphenol	7.69	122	468092	37.939	ng		98
28) bis(2-Chloroethoxy)methane	7.78	93	697520	37.777	ng		100
29) 2,4-Dichlorophenol	7.89	162	477059	37.722	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	540073	37.689	ng		98
31) Naphthalene	8.05	128	1667705	37.642	ng		99
32) Benzoic acid	7.81	122	333777	30.803	ng		97
33) 4-Chloroaniline	8.10	127	744165	38.582	ng		99
34) Hexachlorobutadiene	8.17	225	312520	36.433	ng		98
35) Caprolactam	8.47	113	147413	38.105	ng		89
36) 4-Chloro-3-methylphenol	8.59	107	518684	37.882	ng		95
37) 2-Methylnaphthalene	8.74	142	1110776	36.980	ng		99
38) 1-Methylnaphthalene	8.84	142	1042118	36.809	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	510560	36.739	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	341529	43.219	ng		97
43) 2,4,6-Trichlorophenol	9.02	196	354706	36.962	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	405861	37.550	ng		99
46) 1,1'-Biphenyl	9.20	154	1387199	37.353	ng		98
47) 2-Chloronaphthalene	9.23	162	1077333	37.657	ng		97
48) 2-Nitroaniline	9.33	65	389437	37.563	ng		98
49) Acenaphthylene	9.65	152	1642344	37.747	ng		100
50) Dimethylphthalate	9.52	163	1234944	36.287	ng		99
51) 2,6-Dinitrotoluene	9.57	165	282112	37.854	ng	#	80
52) Acenaphthene	9.82	154	986757	33.999	ng		99
53) 3-Nitroaniline	9.74	138	330777	38.862	ng		100
54) 2,4-Dinitrophenol	9.85	184	101611	22.773	ng		97
55) Dibenzofuran	9.99	168	1478566	37.124	ng		98
56) 4-Nitrophenol	9.90	139	235457	37.179	ng		86
57) 2,4-Dinitrotoluene	9.97	165	367090	37.386	ng		95
58) Fluorene	10.33	166	1129343	35.456	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.11	232	308274	37.292	ng		98
60) Diethylphthalate	10.21	149	1280714	36.309	ng		100
61) 4-Chlorophenyl-phenylether	10.33	204	567563	34.766	ng		99
62) 4-Nitroaniline	10.36	138	327207	40.338	ng		97
63) Azobenzene	10.49	77	1192765	37.733	ng		97
65) 4,6-Dinitro-2-methylphenol	10.38	198	145963	26.232	ng		83
66) n-Nitrosodiphenylamine	10.45	169	1058388	37.679	ng		99
67) 4-Bromophenyl-phenylether	10.82	248	385430	36.695	ng		97
68) Hexachlorobenzene	10.88	284	401843	37.712	ng		98
69) Atrazine	10.97	200	293228	37.520	ng		96
70) Pentachlorophenol	11.07	266	201702	32.848	ng		99
71) Phenanthrene	11.29	178	1652939	36.772	ng		98
72) Anthracene	11.35	178	1702224	37.069	ng		99
73) Carbazole	11.50	167	1623504	37.386	ng		99
74) Di-n-butylphthalate	11.84	149	2009819	35.206	ng		99
75) Fluoranthene	12.48	202	1790136	36.909	ng		99
77) Benzidine	12.60	184	755543	36.377	ng		99
78) Pyrene	12.71	202	1841906	35.560	ng		98
80) Butylbenzylphthalate	13.33	149	870183	34.622	ng		99
81) Benzo(a)anthracene	13.90	228	1480427	36.625	ng		100
82) 3,3'-Dichlorobenzidine	13.86	252	603276	40.000	ng		96
83) Chrysene	13.94	228	1522785	37.076	ng		98
84) Bis(2-ethylhexyl)phthalate	13.90	149	1111389	32.653	ng		99
85) Di-n-octyl phthalate	14.51	149	2039206	35.187	ng		99
86) Indeno(1,2,3-cd)pyrene	16.73	276	1393944	38.502	ng		99
88) Benzo(b)fluoranthene	14.93	252	1515529	34.225	ng		98
89) Benzo(k)fluoranthene	14.96	252	1484319	38.850	ng		99
90) Benzo(a)pyrene	15.28	252	1382656	37.137	ng		99
91) Dibenzo(a,h)anthracene	16.75	278	1160555	35.191	ng		98
92) Benzo(g,h,i)perylene	17.15	276	1099048	33.761	ng		97

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

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