Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
Data File : BF118917.D
Acq On : 13 Feb 2020 12:18
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 14 00:51:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 14 00:49:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	252875	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	899520	20.00	ng		-0.02
39) Acenaphthene-d10	9.83	164	371667	20.00	ng		-0.02
64) Phenanthrene-d10	11.32	188	708881	20.00	ng		-0.02
76) Chrysene-d12	13.96	240	558517	20.00	ng		-0.02
87) Perylene-d12	15.40	264	502622	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1159243	86.78	ng		-0.01
7) Phenol-d6	6.44	99	1406763	84.83	ng		-0.01
23) Nitrobenzene-d5	7.36	82	1309652	86.78	ng		-0.02
42) 2,4,6-Tribromophenol	10.62	330	376234	84.60	ng		-0.02
45) 2-Fluorobiphenyl	9.16	172	1825159	87.79	ng		-0.02
79) Terphenyl-d14	12.90	244	2283318	83.97	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	241155	39.611	ng		100
3) Pyridine	3.25	79	713044	42.179	ng		99
4) n-Nitrosodimethylamine	3.19	42	265905	43.202	ng		95
6) Aniline	6.46	93	874086	40.925	ng		95
8) 2-Chlorophenol	6.59	128	637811	42.865	ng		99
9) Benzaldehyde	6.35	77	401784	43.170	ng		98
10) Phenol	6.45	94	769119	41.711	ng		83
11) bis(2-Chloroethyl)ether	6.53	93	602273	42.693	ng		98
12) 1,3-Dichlorobenzene	6.74	146	752206	42.470	ng		99
13) 1,4-Dichlorobenzene	6.82	146	749873	42.445	ng		99
14) 1,2-Dichlorobenzene	6.97	146	693476	41.092	ng		98
15) Benzyl Alcohol	6.94	79	539002	42.050	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.07	45	754090	43.650	ng		97
17) 2-Methylphenol	7.06	107	514893	41.622	ng		99
18) Hexachloroethane	7.31	117	266760	42.071	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	413998	40.802	ng		99
20) 3+4-Methylphenols	7.21	107	600755	38.743	ng	#	84
22) Acetophenone	7.21	105	838999	42.930	ng	#	99
24) Nitrobenzene	7.38	77	657544	43.615	ng		100
25) Isophorone	7.62	82	1135009	41.848	ng		99
26) 2-Nitrophenol	7.70	139	351718	43.781	ng		96
27) 2,4-Dimethylphenol	7.74	122	458587	42.023	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	760004	43.213	ng		99
29) 2,4-Dichlorophenol	7.95	162	556078	42.550	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	644762	42.208	ng		99
31) Naphthalene	8.10	128	1771382	43.057	ng		99
32) Benzoic acid	7.87	122	362709	40.144	ng		97
33) 4-Chloroaniline	8.15	127	762566	41.430	ng		100
34) Hexachlorobutadiene	8.22	225	390021	41.675	ng		99
35) Caprolactam	8.52	113	177510	41.899	ng		96
36) 4-Chloro-3-methylphenol	8.64	107	539425	41.014	ng		96
37) 2-Methylnaphthalene	8.79	142	883192	30.954	ng		98
38) 1-Methylnaphthalene	8.89	142	829045	30.887	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	482654	43.028	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	112923	25.673 ng	100
43) 2,4,6-Trichlorophenol	9.07	196	307653	41.015 ng	99
44) 2,4,5-Trichlorophenol	9.12	196	312507	40.774 ng	96
46) 1,1'-Biphenyl	9.26	154	1110722	43.202 ng	99
47) 2-Chloronaphthalene	9.28	162	914820	42.802 ng	99
48) 2-Nitroaniline	9.37	65	261407	42.405 ng	92
49) Acenaphthylene	9.70	152	1339756	43.413 ng	99
50) Dimethylphthalate	9.56	163	1090342	43.085 ng	99
51) 2,6-Dinitrotoluene	9.62	165	243079	41.979 ng	92
52) Acenaphthene	9.87	154	800470	39.363 ng	100
53) 3-Nitroaniline	9.79	138	271809	42.326 ng	92
54) 2,4-Dinitrophenol	9.90	184	106777	38.358 ng	96
55) Dibenzofuran	10.04	168	1215052	41.344 ng	100
56) 4-Nitrophenol	9.96	139	164511	35.396 ng	95
57) 2,4-Dinitrotoluene	10.03	165	329929	43.055 ng	96
58) Fluorene	10.38	166	947535	42.856 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	268971	40.184 ng	99
60) Diethylphthalate	10.26	149	1035792	42.092 ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	504227	42.053 ng	97
62) 4-Nitroaniline	10.40	138	278861	43.362 ng	97
63) Azobenzene	10.53	77	892861	42.499 ng	100
65) 4,6-Dinitro-2-methylphenol	10.44	198	166358	41.764 ng	86
66) n-Nitrosodiphenylamine	10.49	169	865794	42.165 ng	99
67) 4-Bromophenyl-phenylether	10.86	248	346474	41.317 ng	99
68) Hexachlorobenzene	10.93	284	407088	42.324 ng	99
69) Atrazine	11.02	200	274559	40.135 ng	100
70) Pentachlorophenol	11.13	266	168175	33.114 ng	98
71) Phenanthrene	11.35	178	1451397	41.614 ng	98
72) Anthracene	11.40	178	1449783	41.784 ng	97
73) Carbazole	11.55	167	1302097	42.761 ng	99
74) Di-n-butylphthalate	11.88	149	1650437	42.548 ng	98
75) Fluoranthene	12.53	202	1562651	41.035 ng	98
77) Benzidine	12.65	184	682779	40.419 ng	100
78) Pyrene	12.76	202	1585386	41.377 ng	98
80) Butylbenzylphthalate	13.37	149	701542	40.115 ng	96
81) Benzo(a)anthracene	13.95	228	1338697	40.280 ng	99
82) 3,3'-Dichlorobenzidine	13.90	252	525897	38.688 ng	99
83) Chrysene	13.99	228	1319388	39.554 ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	908735	40.957 ng	99
85) Di-n-octyl phthalate	14.54	149	1479500	38.923 ng	99
86) Indeno(1,2,3-cd)pyrene	16.83	276	1183176	35.304 ng	99
88) Benzo(b)fluoranthene	14.99	252	1342556	43.046 ng	97
89) Benzo(k)fluoranthene	15.01	252	1150308	42.354 ng	99
90) Benzo(a)pyrene	15.34	252	1126522	42.205 ng	99
91) Dibenzo(a,h)anthracene	16.84	278	970621	40.963 ng	98
92) Benzo(g,h,i)perylene	17.26	276	943979	41.425 ng	99

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

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