Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
Data File : BF120947.D
Acq On : 21 Jul 2020 9:00
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 21 11:32:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	188348	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	691207	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	364372	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	684604	20.00	ng		0.00
76) Chrysene-d12	13.98	240	558063	20.00	ng		0.00
86) Perylene-d12	15.43	264	598072	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	851178	74.09	ng		0.00
7) Phenol-d6	6.45	99	1113159	75.01	ng		0.00
23) Nitrobenzene-d5	7.39	82	941585	78.82	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	321988	80.73	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	1660677	68.05	ng		0.00
79) Terphenyl-d14	12.93	244	1844744	71.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	201990	38.200	ng		98
3) Pyridine	3.29	79	547821	38.946	ng		100
4) n-Nitrosodimethylamine	3.23	42	224028	37.246	ng		99
6) Aniline	6.48	93	711572	36.731	ng		100
8) 2-Chlorophenol	6.60	128	480621	37.973	ng		98
9) Benzaldehyde	6.36	77	291471	40.733	ng		99
10) Phenol	6.46	94	608134	37.250	ng		94
11) bis(2-Chloroethyl)ether	6.56	93	476674	38.098	ng		97
12) 1,3-Dichlorobenzene	6.76	146	514323	37.475	ng		99
13) 1,4-Dichlorobenzene	6.83	146	514112	37.672	ng		99
14) 1,2-Dichlorobenzene	6.99	146	484600	37.535	ng		99
15) Benzyl Alcohol	6.96	79	385989	36.777	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	691002	38.317	ng		99
17) 2-Methylphenol	7.07	107	422735	37.683	ng		99
18) Hexachloroethane	7.33	117	191677	38.805	ng		93
19) n-Nitroso-di-n-propylamine	7.24	70	310636	36.809	ng		98
20) 3+4-Methylphenols	7.23	107	482127	33.785	ng		92
22) Acetophenone	7.23	105	589088	37.974	ng	#	92
24) Nitrobenzene	7.40	77	504366	39.174	ng		96
25) Isophorone	7.65	82	921560	38.655	ng		99
26) 2-Nitrophenol	7.72	139	260094	42.536	ng		97
27) 2,4-Dimethylphenol	7.76	122	384895	38.769	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	577278	39.668	ng		99
29) 2,4-Dichlorophenol	7.96	162	402208	39.646	ng		96
30) 1,2,4-Trichlorobenzene	8.04	180	446166	39.640	ng		99
31) Naphthalene	8.12	128	1361446	38.399	ng		99
32) Benzoic acid	7.88	122	282202	37.866	ng		99
33) 4-Chloroaniline	8.17	127	604372	38.211	ng		98
34) Hexachlorobutadiene	8.24	225	262164	39.511	ng		99
35) Caprolactam	8.55	113	128451	39.483	ng		94
36) 4-Chloro-3-methylphenol	8.66	107	411294	39.530	ng		96
37) 2-Methylnaphthalene	8.82	142	907245	39.409	ng		100
38) 1-Methylnaphthalene	8.92	142	856914	39.301	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	420854	39.642	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	239693	40.852 ng	99
43) 2,4,6-Trichlorophenol	9.09	196	298877	39.985 ng	99
44) 2,4,5-Trichlorophenol	9.13	196	342615	40.408 ng	99
46) 1,1'-Biphenyl	9.28	154	1062942	38.243 ng	99
47) 2-Chloronaphthalene	9.30	162	864402	38.145 ng	98
48) 2-Nitroaniline	9.40	65	273058	39.873 ng	97
49) Acenaphthylene	9.72	152	1344398	38.189 ng	99
50) Dimethylphthalate	9.58	163	1024174	38.961 ng	99
51) 2,6-Dinitrotoluene	9.64	165	232020	41.083 ng	97
52) Acenaphthene	9.89	154	859803	38.415 ng	99
53) 3-Nitroaniline	9.81	138	275318	38.870 ng	98
54) 2,4-Dinitrophenol	9.91	184	115867	39.432 ng	95
55) Dibenzofuran	10.06	168	1223706	37.808 ng	99
56) 4-Nitrophenol	9.97	139	210755	39.170 ng	97
57) 2,4-Dinitrotoluene	10.05	165	306604	41.341 ng	98
58) Fluorene	10.40	166	877654	36.358 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	260421	40.340 ng	97
60) Diethylphthalate	10.28	149	1040040	39.116 ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	456742	35.474 ng	99
62) 4-Nitroaniline	10.43	138	273731	39.673 ng	94
63) Azobenzene	10.56	77	959332	37.899 ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	155467	39.939 ng	98
66) n-Nitrosodiphenylamine	10.52	169	846980	39.328 ng	100
67) 4-Bromophenyl-phenylether	10.89	248	315434	41.326 ng	93
68) Hexachlorobenzene	10.95	284	331158	40.108 ng	92
69) Atrazine	11.04	200	201280	37.738 ng	97
70) Pentachlorophenol	11.14	266	197171	41.684 ng	98
71) Phenanthrene	11.36	178	1343328	38.153 ng	100
72) Anthracene	11.42	178	1385560	39.190 ng	99
73) Carbazole	11.57	167	1359126	38.736 ng	99
74) Di-n-butylphthalate	11.90	149	1633932	40.354 ng	100
75) Fluoranthene	12.55	202	1510407	38.702 ng	99
77) Benzidine	12.67	184	564902	38.501 ng	99
78) Pyrene	12.78	202	1532680	38.846 ng	99
80) Butylbenzylphthalate	13.40	149	724123	41.170 ng	99
81) Benzo(a)anthracene	13.97	228	1263863	37.400 ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	512842	40.225 ng	99
83) Chrysene	14.00	228	1356994	38.211 ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	878422	40.501 ng	100
85) Di-n-octyl phthalate	14.57	149	1737586	40.268 ng	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1605903	38.609 ng	99
88) Benzo(b)fluoranthene	15.01	252	1451668	40.155 ng	99
89) Benzo(k)fluoranthene	15.04	252	1328950	40.308 ng	100
90) Benzo(a)pyrene	15.37	252	1324079	40.144 ng	99
91) Dibenzo(a,h)anthracene	16.88	278	1316796	38.757 ng	99
92) Benzo(g,h,i)perylene	17.30	276	1273105	38.003 ng	98

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

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