Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
Data File : BF120962.D
Acq On : 22 Jul 2020 11:22
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 22 17:10:45 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	175907	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	645989	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	340347	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	649861	20.00	ng		0.00
76) Chrysene-d12	13.97	240	523736	20.00	ng		0.00
86) Perylene-d12	15.42	264	561421	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	793413	73.94	ng		0.00
7) Phenol-d6	6.45	99	1031826	74.44	ng		0.00
23) Nitrobenzene-d5	7.38	82	875961	78.46	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	299321	80.35	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	1517778	66.58	ng		0.00
79) Terphenyl-d14	12.92	244	1755053	72.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	187037	37.874	ng		99
3) Pyridine	3.27	79	506676	38.569	ng		99
4) n-Nitrosodimethylamine	3.23	42	207539	36.945	ng		96
6) Aniline	6.48	93	666948	36.862	ng		98
8) 2-Chlorophenol	6.60	128	452191	38.254	ng		96
9) Benzaldehyde	6.36	77	278183	41.966	ng		99
10) Phenol	6.46	94	566009	37.122	ng		96
11) bis(2-Chloroethyl)ether	6.55	93	444856	38.070	ng		99
12) 1,3-Dichlorobenzene	6.76	146	476411	37.168	ng		99
13) 1,4-Dichlorobenzene	6.83	146	480361	37.688	ng		99
14) 1,2-Dichlorobenzene	6.99	146	447290	37.095	ng		99
15) Benzyl Alcohol	6.96	79	360420	36.769	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	639648	37.978	ng		99
17) 2-Methylphenol	7.07	107	395214	37.722	ng		99
18) Hexachloroethane	7.33	117	178986	38.799	ng		94
19) n-Nitroso-di-n-propylamine	7.23	70	293637	37.256	ng		98
20) 3+4-Methylphenols	7.23	107	449759	33.746	ng	#	86
22) Acetophenone	7.23	105	548511	37.834	ng	#	93
24) Nitrobenzene	7.40	77	473753	39.372	ng		98
25) Isophorone	7.64	82	859050	38.555	ng		98
26) 2-Nitrophenol	7.72	139	242018	42.350	ng		99
27) 2,4-Dimethylphenol	7.76	122	365367	39.378	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	537491	39.519	ng		99
29) 2,4-Dichlorophenol	7.96	162	375759	39.632	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	413405	39.300	ng		99
31) Naphthalene	8.12	128	1258646	37.984	ng		99
32) Benzoic acid	7.88	122	306426	43.995	ng		98
33) 4-Chloroaniline	8.17	127	566326	38.312	ng		99
34) Hexachlorobutadiene	8.24	225	242309	39.075	ng		98
35) Caprolactam	8.55	113	120774	39.722	ng		100
36) 4-Chloro-3-methylphenol	8.65	107	389971	40.104	ng		98
37) 2-Methylnaphthalene	8.81	142	855379	39.756	ng		98
38) 1-Methylnaphthalene	8.91	142	800161	39.267	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	390333	39.363	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	215000	39.230	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	276635	39.621	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	315470	39.833	ng		95
46) 1,1'-Biphenyl	9.27	154	993321	38.261	ng		99
47) 2-Chloronaphthalene	9.30	162	813675	38.441	ng		97
48) 2-Nitroaniline	9.40	65	261676	40.908	ng		96
49) Acenaphthylene	9.72	152	1262666	38.399	ng		100
50) Dimethylphthalate	9.58	163	953654	38.839	ng		99
51) 2,6-Dinitrotoluene	9.64	165	216716	41.082	ng		93
52) Acenaphthene	9.89	154	810600	38.774	ng		100
53) 3-Nitroaniline	9.81	138	260119	39.316	ng		100
54) 2,4-Dinitrophenol	9.91	184	105990	38.758	ng		91
55) Dibenzofuran	10.06	168	1148779	37.999	ng		98
56) 4-Nitrophenol	9.97	139	195992	38.998	ng		97
57) 2,4-Dinitrotoluene	10.04	165	287510	41.503	ng		90
58) Fluorene	10.40	166	814149	36.108	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	242509	40.217	ng		98
60) Diethylphthalate	10.27	149	969913	39.053	ng		100
61) 4-Chlorophenyl-phenylether	10.39	204	418242	34.777	ng		100
62) 4-Nitroaniline	10.42	138	259550	40.274	ng		99
63) Azobenzene	10.56	77	903944	38.232	ng		100
65) 4,6-Dinitro-2-methylphenol	10.45	198	147339	39.881	ng		94
66) n-Nitrosodiphenylamine	10.52	169	790735	38.679	ng		100
67) 4-Bromophenyl-phenylether	10.89	248	291829	40.278	ng	#	91
68) Hexachlorobenzene	10.95	284	310951	39.674	ng	#	89
69) Atrazine	11.04	200	180632	35.677	ng		98
70) Pentachlorophenol	11.14	266	180785	40.263	ng		99
71) Phenanthrene	11.36	178	1263245	37.796	ng		100
72) Anthracene	11.42	178	1295887	38.613	ng		99
73) Carbazole	11.57	167	1279030	38.402	ng		99
74) Di-n-butylphthalate	11.90	149	1526403	39.714	ng		100
75) Fluoranthene	12.55	202	1417351	38.259	ng		98
77) Benzidine	12.67	184	581268	42.213	ng		100
78) Pyrene	12.78	202	1466762	39.612	ng		99
80) Butylbenzylphthalate	13.40	149	688065	41.684	ng		97
81) Benzo(a)anthracene	13.97	228	1183936	37.331	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	496482	41.494	ng		99
83) Chrysene	14.00	228	1292092	38.768	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	826681	40.614	ng		100
85) Di-n-octyl phthalate	14.57	149	1635344	40.383	ng		99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1476088	37.805	ng		100
88) Benzo(b)fluoranthene	15.00	252	1317864	38.834	ng		99
89) Benzo(k)fluoranthene	15.03	252	1295805	41.869	ng		100
90) Benzo(a)pyrene	15.36	252	1248961	40.339	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	1227279	38.480	ng		98
92) Benzo(g,h,i)perylene	17.29	276	1152952	36.663	ng		98

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

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