Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121358.D
Acq On : 21 Aug 2020 9:30
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 21 12:47:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	164041	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	601763	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	313843	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	598328	20.00	ng		0.00
76) Chrysene-d12	13.86	240	454184	20.00	ng		0.01
86) Perylene-d12	15.26	264	447782	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	740119	73.98	ng		0.00
7) Phenol-d6	6.35	99	910024	71.26	ng		0.00
23) Nitrobenzene-d5	7.27	82	859571	80.79	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	268482	73.41	ng		0.01
45) 2-Fluorobiphenyl	9.06	172	1421283	87.28	ng		0.00
79) Terphenyl-d14	12.80	244	1570740	67.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	169688	37.483	ng		100
3) Pyridine	3.03	79	473636	38.982	ng		99
4) n-Nitrosodimethylamine	2.99	42	187603	37.935	ng		99
6) Aniline	6.36	93	513800	34.842	ng	#	71
8) 2-Chlorophenol	6.49	128	392737	37.561	ng		99
9) Benzaldehyde	6.25	77	282014	39.252	ng		97
10) Phenol	6.36	94	451016	33.681	ng		91
11) bis(2-Chloroethyl)ether	6.44	93	380709	36.914	ng		97
12) 1,3-Dichlorobenzene	6.64	146	432865	36.951	ng		100
13) 1,4-Dichlorobenzene	6.72	146	430732	36.423	ng		99
14) 1,2-Dichlorobenzene	6.87	146	392516	34.853	ng		99
15) Benzyl Alcohol	6.85	79	282663	36.785	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	549212	36.167	ng		95
17) 2-Methylphenol	6.97	107	309799	35.908	ng		96
18) Hexachloroethane	7.21	117	161102	36.586	ng		98
19) n-Nitroso-di-n-propylamine	7.12	70	242735	35.341	ng		99
20) 3+4-Methylphenols	7.12	107	360307	41.556	ng		95
22) Acetophenone	7.12	105	516791	36.733	ng		99
24) Nitrobenzene	7.29	77	398058	36.706	ng		99
25) Isophorone	7.53	82	701804	36.244	ng		98
26) 2-Nitrophenol	7.60	139	212224	38.158	ng		100
27) 2,4-Dimethylphenol	7.65	122	294105	37.059	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	482350	36.594	ng		98
29) 2,4-Dichlorophenol	7.85	162	324504	37.452	ng		96
30) 1,2,4-Trichlorobenzene	7.93	180	366380	36.977	ng		99
31) Naphthalene	8.00	128	1088210	36.335	ng		100
32) Benzoic acid	7.80	122	220517	37.374	ng		98
33) 4-Chloroaniline	8.06	127	491678	37.074	ng		98
34) Hexachlorobutadiene	8.12	225	213241	36.366	ng		98
35) Caprolactam	8.45	113	111071	39.141	ng		92
36) 4-Chloro-3-methylphenol	8.55	107	327020	37.317	ng		98
37) 2-Methylnaphthalene	8.69	142	715549	36.861	ng		99
38) 1-Methylnaphthalene	8.79	142	675762	36.612	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	341084	36.617	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	106983	32.939 ng	99
43) 2,4,6-Trichlorophenol	8.98	196	243789	38.283 ng	99
44) 2,4,5-Trichlorophenol	9.02	196	246481	37.621 ng	99
46) 1,1'-Biphenyl	9.16	154	864252	36.741 ng	99
47) 2-Chloronaphthalene	9.19	162	707737	36.520 ng	98
48) 2-Nitroaniline	9.29	65	233073	38.198 ng	91
49) Acenaphthylene	9.60	152	1060543	36.844 ng	100
50) Dimethylphthalate	9.46	163	844339	36.979 ng	100
51) 2,6-Dinitrotoluene	9.53	165	184692	37.875 ng	94
52) Acenaphthene	9.77	154	634217	36.262 ng	97
53) 3-Nitroaniline	9.70	138	229977	37.701 ng	96
54) 2,4-Dinitrophenol	9.81	184	89321	37.995 ng	99
55) Dibenzofuran	9.94	168	915209	40.452 ng	99
56) 4-Nitrophenol	9.87	139	139460	37.070 ng	91
57) 2,4-Dinitrotoluene	9.93	165	220542	37.073 ng	89
58) Fluorene	10.28	166	696188	41.985 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	206510	36.873 ng	98
60) Diethylphthalate	10.16	149	815824	36.590 ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	348695	41.718 ng	99
62) 4-Nitroaniline	10.32	138	238371	38.137 ng	97
63) Azobenzene	10.43	77	759483	36.674 ng	100
65) 4,6-Dinitro-2-methylphenol	10.35	198	126150	39.424 ng	99
66) n-Nitrosodiphenylamine	10.40	169	678560	36.767 ng	100
67) 4-Bromophenyl-phenylether	10.76	248	246786	37.183 ng	98
68) Hexachlorobenzene	10.83	284	278166	36.360 ng	95
69) Atrazine	10.93	200	210378	36.797 ng	99
70) Pentachlorophenol	11.03	266	121900	35.812 ng	99
71) Phenanthrene	11.25	178	1084079	35.008 ng	100
72) Anthracene	11.29	178	1084303	36.361 ng	100
73) Carbazole	11.45	167	1050823	36.924 ng	99
74) Di-n-butylphthalate	11.78	149	1261873	36.770 ng	100
75) Fluoranthene	12.43	202	1195797	35.577 ng	97
77) Benzidine	12.55	184	458921	36.675 ng	100
78) Pyrene	12.66	202	1220707	35.780 ng	99
80) Butylbenzylphthalate	13.27	149	555093	37.865 ng	100
81) Benzo(a)anthracene	13.84	228	974182	34.533 ng	99
82) 3,3'-Dichlorobenzidine	13.81	252	411824	38.022 ng	99
83) Chrysene	13.89	228	1026334	35.573 ng	98
84) Bis(2-ethylhexyl)phthalate	13.83	149	653715	37.919 ng	100
85) Di-n-octyl phthalate	14.45	149	1218251	38.184 ng	99
87) Indeno(1,2,3-cd)pyrene	16.64	276	974155	35.639 ng	99
88) Benzo(b)fluoranthene	14.87	252	998459	34.515 ng	100
89) Benzo(k)fluoranthene	14.90	252	955452	37.521 ng	99
90) Benzo(a)pyrene	15.21	252	905163	36.213 ng	100
91) Dibenzo(a,h)anthracene	16.64	278	795793	35.509 ng	99
92) Benzo(g,h,i)perylene	17.04	276	791820	36.140 ng	99

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

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