Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070120\
Data File : BF120751.D
Acq On : 1 Jul 2020 15:19
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Quant Time: Jul 01 16:32:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 01 16:25:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	120335	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	437200	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	254335	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	505389	20.00	ng		0.00
76) Chrysene-d12	13.81	240	336435	20.00	ng		0.00
86) Perylene-d12	15.20	264	350433	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	360405	51.35	ng		0.00
7) Phenol-d6	6.35	99	437786	50.08	ng		0.00
23) Nitrobenzene-d5	7.23	82	328331	41.98	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	137105	46.37	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	679616	40.88	ng		0.00
79) Terphenyl-d14	12.76	244	777501	51.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	74494	22.393	ng		100
3) Pyridine	2.96	79	227506	24.328	ng		97
4) n-Nitrosodimethylamine	2.90	42	88901	22.907	ng		98
6) Aniline	6.33	93	275142	24.593	ng		99
8) 2-Chlorophenol	6.46	128	178073	22.451	ng		97
9) Benzaldehyde	6.21	77	130905	23.675	ng		94
10) Phenol	6.36	94	220568	23.648	ng		100
11) bis(2-Chloroethyl)ether	6.40	93	183567	23.628	ng		98
12) 1,3-Dichlorobenzene	6.60	146	200763	23.809	ng		97
13) 1,4-Dichlorobenzene	6.68	146	199588	23.990	ng		98
14) 1,2-Dichlorobenzene	6.83	146	201652	24.883	ng		98
15) Benzyl Alcohol	6.82	79	144041	23.234	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	242061	21.639	ng		90
17) 2-Methylphenol	6.96	107	158508	23.431	ng		92
18) Hexachloroethane	7.17	117	74644	24.349	ng		98
19) n-Nitroso-di-n-propylamine	7.08	70	132760	26.181	ng		96
20) 3+4-Methylphenols	7.11	107	215827	25.532	ng		97
22) Acetophenone	7.07	105	261517	26.755	ng	#	100
24) Nitrobenzene	7.25	77	169606	20.721	ng		99
25) Isophorone	7.49	82	308207	20.229	ng		99
26) 2-Nitrophenol	7.56	139	89286	20.620	ng		96
27) 2,4-Dimethylphenol	7.62	122	130235	20.427	ng		97
28) bis(2-Chloroethoxy)methane	7.70	93	192389	21.783	ng		99
29) 2,4-Dichlorophenol	7.82	162	140153	21.626	ng		97
30) 1,2,4-Trichlorobenzene	7.89	180	161995	22.555	ng		99
31) Naphthalene	7.97	128	484463	22.567	ng		98
32) Benzoic acid	7.75	122	92172	18.842	ng		100
33) 4-Chloroaniline	8.03	127	205094	20.814	ng		97
34) Hexachlorobutadiene	8.09	225	98214	23.460	ng		95
35) Caprolactam	8.37	113	41019	19.789	ng		92
36) 4-Chloro-3-methylphenol	8.53	107	136767	21.123	ng		98
37) 2-Methylnaphthalene	8.66	142	323235	23.064	ng		98
38) 1-Methylnaphthalene	8.76	142	298064	22.602	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	154729	20.375	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	64841	15.237 ng	99
43) 2,4,6-Trichlorophenol	8.95	196	101363	18.816 ng	99
44) 2,4,5-Trichlorophenol	9.00	196	115262	18.859 ng	98
46) 1,1'-Biphenyl	9.12	154	401613	21.147 ng	98
47) 2-Chloronaphthalene	9.15	162	321684	20.714 ng	98
48) 2-Nitroaniline	9.25	65	93223	19.113 ng	85
49) Acenaphthylene	9.56	152	586227	24.459 ng	99
50) Dimethylphthalate	9.43	163	403388	22.022 ng	99
51) 2,6-Dinitrotoluene	9.49	165	89148	21.475 ng	99
52) Acenaphthene	9.73	154	330901	23.149 ng	100
53) 3-Nitroaniline	9.66	138	108735	21.808 ng	94
54) 2,4-Dinitrophenol	9.76	184	31142	13.994 ng	94
55) Dibenzofuran	9.90	168	523226	23.872 ng	96
56) 4-Nitrophenol	9.86	139	65564	17.459 ng	94
57) 2,4-Dinitrotoluene	9.89	165	122023	22.152 ng	97
58) Fluorene	10.25	166	397561	23.529 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	105893	22.023 ng	99
60) Diethylphthalate	10.12	149	444550	24.642 ng	98
61) 4-Chlorophenyl-phenylether	10.24	204	203124	23.279 ng	95
62) 4-Nitroaniline	10.27	138	109802	22.183 ng	99
63) Azobenzene	10.40	77	395240	24.135 ng	97
65) 4,6-Dinitro-2-methylphenol	10.30	198	57069	18.819 ng	98
66) n-Nitrosodiphenylamine	10.36	169	362814	23.377 ng	99
67) 4-Bromophenyl-phenylether	10.73	248	118911	20.732 ng	96
68) Hexachlorobenzene	10.79	284	129007	20.920 ng	95
69) Atrazine	10.89	200	98192	20.445 ng	99
70) Pentachlorophenol	10.99	266	35682	10.407 ng	97
71) Phenanthrene	11.20	178	584993	23.285 ng	99
72) Anthracene	11.25	178	554908	21.913 ng	100
73) Carbazole	11.42	167	474850	18.943 ng	99
74) Di-n-butylphthalate	11.75	149	581401	20.630 ng	99
75) Fluoranthene	12.39	202	555115	19.326 ng	98
77) Benzidine	12.52	184	224547	19.735 ng	100
78) Pyrene	12.62	202	566088	23.752 ng	98
80) Butylbenzylphthalate	13.25	149	243167	22.977 ng	96
81) Benzo(a)anthracene	13.80	228	475938	23.546 ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	175390	22.717 ng	99
83) Chrysene	13.84	228	486508	23.465 ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	320110	24.784 ng	100
85) Di-n-octyl phthalate	14.42	149	576029	23.369 ng	100
87) Indeno(1,2,3-cd)pyrene	16.53	276	501803	23.541 ng	99
88) Benzo(b)fluoranthene	14.82	252	456664	21.877 ng	98
89) Benzo(k)fluoranthene	14.84	252	436919	23.654 ng	100
90) Benzo(a)pyrene	15.14	252	414231	22.173 ng	99
91) Dibenzo(a,h)anthracene	16.54	278	409021	23.928 ng	99
92) Benzo(g,h,i)perylene	16.93	276	450601	26.153 ng	97

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

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