Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
Data File : BF120879.D
Acq On : 16 Jul 2020 11:12
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Quant Time: Jul 16 12:20:46 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 12:11:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	144105	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	552415	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	291818	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	559802	20.00	ng	0.00
76) Chrysene-d12	13.97	240	483722	20.00	ng	0.00
86) Perylene-d12	15.42	264	540877	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	396964	42.52	ng	0.00
7) Phenol-d6	6.44	99	511845	42.93	ng	0.00
23) Nitrobenzene-d5	7.37	82	417529	43.79	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	142732	48.69	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	829797	43.02	ng	0.00
79) Terphenyl-d14	12.92	244	1000212	40.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.50	88	87845	20.600	ng	99
3) Pyridine	3.24	79	238678	20.434	ng	98
4) n-Nitrosodimethylamine	3.18	42	98764	16.902	ng	99
6) Aniline	6.47	93	322193	21.044	ng	97
8) 2-Chlorophenol	6.60	128	217230	21.856	ng	97
9) Benzaldehyde	6.36	77	145583	20.533	ng	97
10) Phenol	6.45	94	284053	23.162	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	211507	21.194	ng	98
12) 1,3-Dichlorobenzene	6.76	146	237650	21.723	ng	98
13) 1,4-Dichlorobenzene	6.83	146	233934	21.350	ng	99
14) 1,2-Dichlorobenzene	6.99	146	226172	21.696	ng	100
15) Benzyl Alcohol	6.95	79	183457	20.481	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	304613	19.569	ng	99
17) 2-Methylphenol	7.06	107	191334	21.519	ng	100
18) Hexachloroethane	7.33	117	84110	20.423	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	145693	20.297	ng	95
20) 3+4-Methylphenols	7.22	107	240822	21.991	ng	93
22) Acetophenone	7.22	105	285151	20.767	ng	98
24) Nitrobenzene	7.39	77	226691	21.175	ng	96
25) Isophorone	7.63	82	416348	20.248	ng	97
26) 2-Nitrophenol	7.71	139	102719	26.248	ng	91
27) 2,4-Dimethylphenol	7.75	122	173671	21.158	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	256503	21.077	ng	97
29) 2,4-Dichlorophenol	7.95	162	176595	21.551	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	199475	21.673	ng	100
31) Naphthalene	8.12	128	635308	21.519	ng	100
32) Benzoic acid	7.84	122	130383	29.351	ng	98
33) 4-Chloroaniline	8.17	127	272832	21.778	ng	98
34) Hexachlorobutadiene	8.24	225	118321	21.375	ng	98
35) Caprolactam	8.52	113	56000	23.454	ng	97
36) 4-Chloro-3-methylphenol	8.65	107	182085	21.362	ng	96
37) 2-Methylnaphthalene	8.81	142	412468	21.492	ng	99
38) 1-Methylnaphthalene	8.91	142	391408	21.773	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	187387	21.247	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	101597	19.497 ng		100
43) 2,4,6-Trichlorophenol	9.09	196	130538	21.721 ng		99
44) 2,4,5-Trichlorophenol	9.12	196	147303	22.086 ng		97
46) 1,1'-Biphenyl	9.27	154	491921	20.898 ng		99
47) 2-Chloronaphthalene	9.30	162	396881	21.046 ng		98
48) 2-Nitroaniline	9.39	65	117314	23.251 ng		96
49) Acenaphthylene	9.72	152	621322	21.015 ng		99
50) Dimethylphthalate	9.57	163	453536	21.305 ng		100
51) 2,6-Dinitrotoluene	9.63	165	94744	24.636 ng		95
52) Acenaphthene	9.89	154	390507	21.291 ng		100
53) 3-Nitroaniline	9.80	138	121111	25.491 ng		96
54) 2,4-Dinitrophenol	9.90	184	38036	29.947 ng	#	88
55) Dibenzofuran	10.06	168	572125	21.640 ng		99
56) 4-Nitrophenol	9.95	139	90564	25.951 ng		98
57) 2,4-Dinitrotoluene	10.03	165	125712	27.227 ng	#	97
58) Fluorene	10.40	166	431081	21.906 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	113302	22.829 ng		100
60) Diethylphthalate	10.27	149	463096	20.883 ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	219545	22.193 ng		98
62) 4-Nitroaniline	10.41	138	117465	25.971 ng		98
63) Azobenzene	10.55	77	444997	19.617 ng		96
65) 4,6-Dinitro-2-methylphenol	10.44	198	56750	31.552 ng		97
66) n-Nitrosodiphenylamine	10.51	169	384791	20.508 ng		99
67) 4-Bromophenyl-phenylether	10.88	248	136988	21.095 ng		97
68) Hexachlorobenzene	10.95	284	146584	21.512 ng		96
69) Atrazine	11.03	200	101433	20.984 ng		98
70) Pentachlorophenol	11.13	266	85429	22.159 ng		99
71) Phenanthrene	11.36	178	642015	21.137 ng		100
72) Anthracene	11.41	178	646685	21.069 ng		99
73) Carbazole	11.56	167	636706	21.587 ng		99
74) Di-n-butylphthalate	11.90	149	752469	20.606 ng		100
75) Fluoranthene	12.55	202	712409	22.017 ng		98
77) Benzidine	12.67	184	278397	20.390 ng		99
78) Pyrene	12.77	202	750642	19.430 ng		99
80) Butylbenzylphthalate	13.40	149	329293	19.743 ng		96
81) Benzo(a)anthracene	13.96	228	672926	21.702 ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	245261	23.439 ng		98
83) Chrysene	14.00	228	673014	21.279 ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	437207	19.989 ng		98
85) Di-n-octyl phthalate	14.57	149	821616	21.234 ng		100
87) Indeno(1,2,3-cd)pyrene	16.84	276	796992	22.973 ng		99
88) Benzo(b)fluoranthene	15.00	252	672883	18.923 ng		99
89) Benzo(k)fluoranthene	15.03	252	669245	19.342 ng		98
90) Benzo(a)pyrene	15.36	252	639908	20.174 ng		99
91) Dibenzo(a,h)anthracene	16.86	278	667176	23.074 ng		98
92) Benzo(g,h,i)perylene	17.27	276	644496	24.388 ng		98

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

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