Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120285.D
Acq On : 14 May 2020 12:50
Operator : MA/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF051420

Quant Time: May 14 13:24:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 12:47:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	318557	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	1470246	20.00	ng		0.00
39) Acenaphthene-d10	9.66	164	757798	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1397068	20.00	ng		0.00
76) Chrysene-d12	13.79	240	871796	20.00	ng		0.00
87) Perylene-d12	15.18	264	785448	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1303983	79.65	ng		0.00
7) Phenol-d6	6.28	99	1674240	80.86	ng		0.00
23) Nitrobenzene-d5	7.20	82	1563120	72.79	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	441490	71.45	ng		0.00
45) 2-Fluorobiphenyl	8.99	172	3078156	83.45	ng		0.00
79) Terphenyl-d14	12.74	244	3030704	76.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	298656	45.857	ng		100
3) Pyridine	2.86	79	697625	34.076	ng		97
4) n-Nitrosodimethylamine	2.82	42	322644	40.248	ng		99
6) Aniline	6.29	93	1092449	41.258	ng	#	88
8) 2-Chlorophenol	6.42	128	756073	39.606	ng		96
9) Benzaldehyde	6.17	77	636322	49.855	ng		97
10) Phenol	6.29	94	971283	40.187	ng		96
11) bis(2-Chloroethyl)ether	6.37	93	720270	37.308	ng		98
12) 1,3-Dichlorobenzene	6.56	146	791904	38.768	ng		98
13) 1,4-Dichlorobenzene	6.65	146	836755	39.773	ng		97
14) 1,2-Dichlorobenzene	6.79	146	743488	39.243	ng		99
15) Benzyl Alcohol	6.78	79	590877	40.171	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1205957	39.637	ng		98
17) 2-Methylphenol	6.90	107	614706	38.145	ng		97
18) Hexachloroethane	7.13	117	303728	37.896	ng		100
19) n-Nitroso-di-n-propylamine	7.05	70	531560	39.189	ng		97
20) 3+4-Methylphenols	7.06	107	787981	37.609	ng		98
22) Acetophenone	7.05	105	1097506	36.438	ng		98
24) Nitrobenzene	7.22	77	802876	34.741	ng		98
25) Isophorone	7.46	82	1558115	34.872	ng		98
26) 2-Nitrophenol	7.53	139	439456	36.358	ng		96
27) 2,4-Dimethylphenol	7.58	122	678876	38.611	ng		96
28) bis(2-Chloroethoxy)methane	7.67	93	997647	35.524	ng		99
29) 2,4-Dichlorophenol	7.78	162	691827	38.312	ng		100
30) 1,2,4-Trichlorobenzene	7.86	180	785866	39.272	ng		98
31) Naphthalene	7.93	128	2496046	40.226	ng		100
32) Benzoic acid	7.73	122	429001	37.224	ng		98
33) 4-Chloroaniline	7.99	127	1118326	39.547	ng		100
34) Hexachlorobutadiene	8.05	225	440595	38.093	ng		95
35) Caprolactam	8.37	113	237649	40.227	ng		96
36) 4-Chloro-3-methylphenol	8.49	107	781979	40.030	ng		98
37) 2-Methylnaphthalene	8.63	142	1683025	39.635	ng		98
38) 1-Methylnaphthalene	8.72	142	1647680	40.007	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	799317	41.831	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	297462	41.239 ng	100
43) 2,4,6-Trichlorophenol	8.91	196	502834	39.203 ng	99
44) 2,4,5-Trichlorophenol	8.96	196	548238	37.219 ng	98
46) 1,1'-Biphenyl	9.09	154	2136988	43.039 ng	99
47) 2-Chloronaphthalene	9.12	162	1574019	39.520 ng	99
48) 2-Nitroaniline	9.22	65	550777	37.902 ng	97
49) Acenaphthylene	9.53	152	2411184	39.632 ng	100
50) Dimethylphthalate	9.40	163	1819940	37.992 ng	100
51) 2,6-Dinitrotoluene	9.46	165	419299	39.217 ng	90
52) Acenaphthene	9.70	154	1430393	39.224 ng	99
53) 3-Nitroaniline	9.63	138	459486	36.038 ng	100
54) 2,4-Dinitrophenol	9.75	184	171188	33.920 ng	91
55) Dibenzofuran	9.87	168	2058461	39.197 ng	98
56) 4-Nitrophenol	9.82	139	256571	37.451 ng	93
57) 2,4-Dinitrotoluene	9.87	165	485917	38.744 ng	99
58) Fluorene	10.22	166	1590060	39.757 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	448522	40.461 ng	98
60) Diethylphthalate	10.10	149	1801584	38.955 ng	98
61) 4-Chlorophenyl-phenylether	10.21	204	773335	37.190 ng	94
62) 4-Nitroaniline	10.25	138	430388	36.251 ng	98
63) Azobenzene	10.37	77	1622204	37.113 ng	97
65) 4,6-Dinitro-2-methylphenol	10.28	198	253578	35.890 ng	89
66) n-Nitrosodiphenylamine	10.33	169	1403444	36.311 ng	99
67) 4-Bromophenyl-phenylether	10.70	248	450030	33.196 ng	96
68) Hexachlorobenzene	10.76	284	480558	33.883 ng	92
69) Atrazine	10.86	200	375141	32.436 ng	99
70) Pentachlorophenol	10.96	266	187543	31.091 ng	99
71) Phenanthrene	11.17	178	2329885	39.688 ng	99
72) Anthracene	11.23	178	2535112	40.338 ng	100
73) Carbazole	11.39	167	2298906	39.150 ng	99
74) Di-n-butylphthalate	11.72	149	2469088	34.889 ng	97
75) Fluoranthene	12.36	202	2188893	34.788 ng	96
77) Benzidine	12.49	184	1110890	43.636 ng	99
78) Pyrene	12.59	202	2340267	37.655 ng	99
80) Butylbenzylphthalate	13.22	149	1102310	37.666 ng	94
81) Benzo(a)anthracene	13.78	228	1776048	38.625 ng	100
82) 3,3'-Dichlorobenzidine	13.74	252	719258	41.509 ng	99
83) Chrysene	13.82	228	1876193	37.999 ng	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1391245	38.209 ng	100
85) Di-n-octyl phthalate	14.39	149	2627627	40.114 ng	100
86) Indeno(1,2,3-cd)pyrene	16.51	276	1586344	35.399 ng	99
88) Benzo(b)fluoranthene	14.79	252	1602003	37.347 ng	97
89) Benzo(k)fluoranthene	14.82	252	1574566	42.369 ng	98
90) Benzo(a)pyrene	15.13	252	1466156	38.112 ng	98
91) Dibenzo(a,h)anthracene	16.53	278	1334624	39.161 ng	99
92) Benzo(g,h,i)perylene	16.91	276	1348503	39.239 ng	99

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

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