Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
Data File : BF119156.D
Acq On : 29 Feb 2020 13:48
Operator : CG/JU
Sample : PB127150BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB127150BS

Quant Time: Mar 02 06:00:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	162655	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	629397	20.00	ng		-0.02
39) Acenaphthene-d10	9.77	164	325460	20.00	ng		-0.02
64) Phenanthrene-d10	11.25	188	631618	20.00	ng		-0.01
76) Chrysene-d12	13.89	240	470440	20.00	ng		-0.01
87) Perylene-d12	15.31	264	233160	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1057179	108.62	ng		0.00
7) Phenol-d6	6.39	99	1327818	112.17	ng		-0.01
23) Nitrobenzene-d5	7.30	82	841071	70.56	ng		-0.02
42) 2,4,6-Tribromophenol	10.56	330	481606	113.12	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	1681531	76.11	ng		-0.02
79) Terphenyl-d14	12.83	244	1959064	71.70	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	135487	31.265	ng		99
3) Pyridine	3.24	79	313548	26.494	ng		99
4) n-Nitrosodimethylamine	3.17	42	130086	36.285	ng		97
6) Aniline	6.40	93	275529	18.864	ng	#	66
8) 2-Chlorophenol	6.53	128	403948	38.458	ng		99
10) Phenol	6.40	94	474192	37.052	ng		88
11) bis(2-Chloroethyl)ether	6.47	93	361159	36.882	ng		98
12) 1,3-Dichlorobenzene	6.67	146	441142	35.041	ng		95
13) 1,4-Dichlorobenzene	6.75	146	446850	35.470	ng		98
14) 1,2-Dichlorobenzene	6.90	146	414156	36.047	ng		100
15) Benzyl Alcohol	6.89	79	337505	39.451	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	300006	35.367	ng		96
17) 2-Methylphenol	7.00	107	330509	38.811	ng		99
18) Hexachloroethane	7.25	117	159110	35.302	ng		98
19) n-Nitroso-di-n-propylamine	7.16	70	266734	38.671	ng		97
20) 3+4-Methylphenols	7.16	107	417428	40.010	ng		88
22) Acetophenone	7.15	105	557141	38.258	ng	#	99
24) Nitrobenzene	7.32	77	419894	35.620	ng		99
25) Isophorone	7.56	82	764112	36.910	ng		100
26) 2-Nitrophenol	7.64	139	227021	36.347	ng		99
27) 2,4-Dimethylphenol	7.68	122	341635	40.302	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	468155	34.743	ng		99
29) 2,4-Dichlorophenol	7.89	162	365052	36.581	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	393383	33.248	ng		99
31) Naphthalene	8.04	128	1159379	35.518	ng		99
32) Benzoic acid	7.84	122	209145	35.788	ng		97
33) 4-Chloroaniline	8.09	127	274919	19.582	ng		97
34) Hexachlorobutadiene	8.16	225	240591	32.645	ng		98
35) Caprolactam	8.47	113	109958m	35.785	ng		
36) 4-Chloro-3-methylphenol	8.59	107	383835	38.006	ng		99
37) 2-Methylnaphthalene	8.73	142	817895	37.233	ng		98
38) 1-Methylnaphthalene	8.83	142	772717	37.404	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	412160	37.561	ng		100
41) Hexachlorocyclopentadiene	8.89	237	95591	30.516	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.02	196	255495	36.871 ng	99
44) 2,4,5-Trichlorophenol	9.07	196	268832	36.971 ng	98
46) 1,1'-Biphenyl	9.19	154	998108	37.945 ng	98
47) 2-Chloronaphthalene	9.22	162	788842	37.215 ng	97
48) 2-Nitroaniline	9.32	65	220522	37.299 ng	96
49) Acenaphthylene	9.63	152	1178801	38.504 ng	99
50) Dimethylphthalate	9.50	163	958888	38.529 ng	100
51) 2,6-Dinitrotoluene	9.56	165	217625	39.359 ng	90
52) Acenaphthene	9.80	154	701758	38.015 ng	99
53) 3-Nitroaniline	9.73	138	156527	25.535 ng	97
54) 2,4-Dinitrophenol	9.85	184	197656	74.154 ng	93
55) Dibenzofuran	9.98	168	1063401	38.594 ng	96
56) 4-Nitrophenol	9.92	139	236072	64.099 ng	94
57) 2,4-Dinitrotoluene	9.97	165	281025	39.211 ng	97
58) Fluorene	10.32	166	859886	40.162 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	233180	38.004 ng	98
60) Diethylphthalate	10.20	149	922580	39.337 ng	100
61) 4-Chlorophenyl-phenylether	10.31	204	446560	39.403 ng	97
62) 4-Nitroaniline	10.35	138	207241	33.045 ng	96
63) Azobenzene	10.47	77	815282	39.993 ng	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	156833	41.034 ng	96
66) n-Nitrosodiphenylamine	10.43	169	765600	37.019 ng	100
67) 4-Bromophenyl-phenylether	10.80	248	298208	36.120 ng	94
68) Hexachlorobenzene	10.87	284	336215	35.321 ng	95
69) Atrazine	10.96	200	98013	13.564 ng	98
70) Pentachlorophenol	11.07	266	396557	103.421 ng	99
71) Phenanthrene	11.28	178	1274336	36.996 ng	98
72) Anthracene	11.33	178	1244659	36.164 ng	98
73) Carbazole	11.49	167	1111804	36.261 ng	99
74) Di-n-butylphthalate	11.82	149	1394568	37.558 ng	98
75) Fluoranthene	12.46	202	1330020	36.376 ng	99
77) Benzidine	12.59	184	71167	3.720 ng	98
78) Pyrene	12.69	202	1308038	34.626 ng	99
80) Butylbenzylphthalate	13.30	149	561267	35.303 ng	96
81) Benzo(a)anthracene	13.88	228	1069968	33.380 ng	98
82) 3,3'-Dichlorobenzidine	13.84	252	281062	22.581 ng	100
83) Chrysene	13.92	228	1027905	32.183 ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	729513	36.320 ng	98
85) Di-n-octyl phthalate	14.47	149	1095140	34.220 ng	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	888506	28.730 ng	100
88) Benzo(b)fluoranthene	14.90	252	856125	55.706 ng	100
89) Benzo(k)fluoranthene	14.93	252	886746	62.261 ng	99
90) Benzo(a)pyrene	15.25	252	776948	56.014 ng	99
91) Dibenzo(a,h)anthracene	16.72	278	760043	62.276 ng	99
92) Benzo(g,h,i)perylene	17.13	276	755387	62.643 ng	98

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

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