Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
Data File : BF120912.D
Acq On : 17 Jul 2020 9:53
Operator : JU/CG
Sample : PB130249BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130249BS

Manual Integrations APPROVED
mohammad
7/20/2020 11:26:35 AM

Quant Time: Jul 17 10:50:37 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 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	179278	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	659116	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	320187	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	560217	20.00	ng	0.00
76) Chrysene-d12	13.97	240	397111	20.00	ng	0.00
86) Perylene-d12	15.42	264	380911	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1006954	92.08	ng	0.01
7) Phenol-d6	6.45	99	1202198	85.10	ng	0.00
23) Nitrobenzene-d5	7.38	82	742956	65.22	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	321523	91.74	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1346992	62.81	ng	0.00
79) Terphenyl-d14	12.92	244	1213345	66.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.60	88	165386	32.860	ng	99
3) Pyridine	3.34	79	469075	35.035	ng	100
4) n-Nitrosodimethylamine	3.29	42	219811	38.394	ng	97
6) Aniline	6.48	93	585114	31.731	ng	96
8) 2-Chlorophenol	6.60	128	467519	38.807	ng	98
9) Benzaldehyde	6.36	77	127422	15.215	ng	98
10) Phenol	6.46	94	574781	36.989	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	443519	37.242	ng	99
12) 1,3-Dichlorobenzene	6.76	146	480323	36.768	ng	99
13) 1,4-Dichlorobenzene	6.83	146	490880	37.789	ng	98
14) 1,2-Dichlorobenzene	6.99	146	464690	37.814	ng	99
15) Benzyl Alcohol	6.96	79	357431	35.779	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	626637	36.506	ng	100
17) 2-Methylphenol	7.07	107	362145	33.915	ng	99
18) Hexachloroethane	7.33	117	184435	39.228	ng	93
19) n-Nitroso-di-n-propylamine	7.23	70	285357	35.524	ng	99
20) 3+4-Methylphenols	7.22	107	420694	30.972	ng	94
22) Acetophenone	7.23	105	559039	37.792	ng	98
24) Nitrobenzene	7.40	77	462163	37.644	ng	98
25) Isophorone	7.64	82	822250	36.169	ng	99
26) 2-Nitrophenol	7.72	139	240534	41.252	ng	99
27) 2,4-Dimethylphenol	7.75	122	375960	39.713	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	530471	38.226	ng	99
29) 2,4-Dichlorophenol	7.96	162	368507	38.093	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	411866	38.374	ng	100
31) Naphthalene	8.12	128	1266665	37.465	ng	99
32) Benzoic acid	7.87	122	277776	39.087	ng	98
33) 4-Chloroaniline	8.17	127	402315	26.675	ng	99
34) Hexachlorobutadiene	8.24	225	237181	37.487	ng	99
35) Caprolactam	8.53	113	106675m	34.386	ng	
36) 4-Chloro-3-methylphenol	8.65	107	365247	36.814	ng	98
37) 2-Methylnaphthalene	8.81	142	839420	38.238	ng	99
38) 1-Methylnaphthalene	8.91	142	789851	37.989	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	361792	38.782	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	448152	86.921 ng	97
43) 2,4,6-Trichlorophenol	9.09	196	261124	39.755 ng	99
44) 2,4,5-Trichlorophenol	9.13	196	280034	37.585 ng	97
46) 1,1'-Biphenyl	9.27	154	972583	39.821 ng	100
47) 2-Chloronaphthalene	9.30	162	762311	38.282 ng	100
48) 2-Nitroaniline	9.39	65	225509	37.474 ng	99
49) Acenaphthylene	9.72	152	1171213	37.860 ng	100
50) Dimethylphthalate	9.58	163	850566	36.822 ng	100
51) 2,6-Dinitrotoluene	9.64	165	192594	38.808 ng	86
52) Acenaphthene	9.89	154	814092	41.392 ng	99
53) 3-Nitroaniline	9.80	138	164622	26.449 ng	98
54) 2,4-Dinitrophenol	9.91	184	194244	69.025 ng	88
55) Dibenzofuran	10.06	168	1069370	37.599 ng	99
56) 4-Nitrophenol	9.96	139	340687	72.057 ng	98
57) 2,4-Dinitrotoluene	10.04	165	251077	38.526 ng	93
58) Fluorene	10.40	166	776396	36.601 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	229750	40.500 ng	97
60) Diethylphthalate	10.27	149	843865	36.117 ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	382951	33.847 ng	98
62) 4-Nitroaniline	10.42	138	199296	32.871 ng	98
63) Azobenzene	10.56	77	814942	36.637 ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	128904	40.417 ng	95
66) n-Nitrosodiphenylamine	10.51	169	726868	41.245 ng	99
67) 4-Bromophenyl-phenylether	10.88	248	249765	39.988 ng	97
68) Hexachlorobenzene	10.95	284	277385	41.054 ng	98
69) Atrazine	11.04	200	199120	45.622 ng	97
70) Pentachlorophenol	11.14	266	313719	81.050 ng	98
71) Phenanthrene	11.36	178	1131960	39.288 ng	100
72) Anthracene	11.42	178	1170213	40.448 ng	100
73) Carbazole	11.57	167	1067674	37.186 ng	100
74) Di-n-butylphthalate	11.90	149	1274500	38.466 ng	100
75) Fluoranthene	12.55	202	1202911	37.666 ng	99
77) Benzidine	12.67	184	546317	52.325 ng	99
78) Pyrene	12.77	202	1218412	43.397 ng	100
80) Butylbenzylphthalate	13.40	149	513303	41.012 ng	98
81) Benzo(a)anthracene	13.96	228	940710	39.120 ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	309008	34.061 ng	100
83) Chrysene	14.00	228	1012007	40.046 ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	637137	41.283 ng	100
85) Di-n-octyl phthalate	14.57	149	1187954	38.689 ng	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1045350	39.461 ng	99
88) Benzo(b)fluoranthene	15.00	252	963659	41.853 ng	99
89) Benzo(k)fluoranthene	15.03	252	899377	42.831 ng	98
90) Benzo(a)pyrene	15.36	252	848986	40.415 ng	99
91) Dibenzo(a,h)anthracene	16.87	278	862653	39.865 ng	99
92) Benzo(g,h,i)perylene	17.28	276	854194	40.035 ng	98

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

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