Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021121\
Data File : BF123184.D
Acq On : 11 Feb 2021 14:10
Operator : JU/CG
Sample : PB134583BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134583BS

Manual Integrations APPROVED
mohammad
2/12/2021 11:23:55 AM

Quant Time: Feb 11 14:55:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 14:10:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	192112	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	762383	20.00	ng	0.00
39) Acenaphthene-d10	9.927	164	419198	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	775699	20.00	ng	0.00
76) Chrysene-d12	14.074	240	621909	20.00	ng	0.00
86) Perylene-d12	15.557	264	503358	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1396909	112.16	ng	0.02
7) Phenol-d6	6.516	99	1799724	106.61	ng	0.00
23) Nitrobenzene-d5	7.445	82	1029965	67.99	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	611362	134.35	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1999771	70.92	ng	0.00
79) Terphenyl-d14	13.010	244	2245949	70.95	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	227333	36.69	ng	98
3) Pyridine	3.528	79	609902	36.81	ng	95
4) n-Nitrosodimethylamine	3.487	42	280606	40.24	ng	94
6) Aniline	6.545	93	601956	28.97	ng	97
8) 2-Chlorophenol	6.675	128	603131	44.68	ng	98
9) Benzaldehyde	6.434	77	276216	35.79	ng	99
10) Phenol	6.528	94	747838	44.67	ng	96
11) bis(2-Chloroethyl)ether	6.622	93	563582	40.45	ng	99
12) 1,3-Dichlorobenzene	6.828	146	665365	42.26	ng	99
13) 1,4-Dichlorobenzene	6.898	146	671867	40.98	ng	97
14) 1,2-Dichlorobenzene	7.051	146	645483	42.08	ng	98
15) Benzyl Alcohol	7.028	79	517522	43.73	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	754439	35.12	ng	99
17) 2-Methylphenol	7.134	107	503915	43.87	ng	98
18) Hexachloroethane	7.398	117	246139	42.86	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	418685	41.24	ng	97
20) 3+4-Methylphenols	7.286	107	613250	45.32	ng	97
22) Acetophenone	7.292	105	820232	41.29	ng	96
24) Nitrobenzene	7.463	77	650102	41.65	ng	97
25) Isophorone	7.710	82	1181883	42.59	ng	99
26) 2-Nitrophenol	7.781	139	337207	52.25	ng	99
27) 2,4-Dimethylphenol	7.816	122	559266	48.02	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	735212	38.83	ng	99
29) 2,4-Dichlorophenol	8.028	162	540640	44.39	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	578462	42.16	ng	97
31) Naphthalene	8.192	128	1762385	42.14	ng	99
32) Benzoic acid	7.951	122	394620	42.67	ng	97
33) 4-Chloroaniline	8.233	127	463175	24.96	ng	97
34) Hexachlorobutadiene	8.310	225	350059	44.17	ng	99
35) Caprolactam	8.616	113	167741m	40.75	ng	
36) 4-Chloro-3-methylphenol	8.722	107	589364	46.54	ng	93
37) 2-Methylnaphthalene	8.886	142	1211074	43.62	ng	98
38) 1-Methylnaphthalene	8.986	142	1131687	43.05	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	570840	43.77	ng	99
41) Hexachlorocyclopentadiene	9.039	237	640042	103.39	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	422275	47.23	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	412277	44.10	ng		99
46) 1,1'-Biphenyl	9.351	154	1459109	42.43	ng		98
47) 2-Chloronaphthalene	9.375	162	1167440	40.56	ng		99
48) 2-Nitroaniline	9.469	65	360293	41.30	ng		89
49) Acenaphthylene	9.792	152	1791680	42.53	ng		99
50) Dimethylphthalate	9.651	163	1396105	42.45	ng		99
51) 2,6-Dinitrotoluene	9.710	165	320901	45.80	ng	#	89
52) Acenaphthene	9.963	154	1104749	40.83	ng		99
53) 3-Nitroaniline	9.880	138	223648	27.00	ng		95
54) 2,4-Dinitrophenol	9.992	184	334107	102.21	ng		95
55) Dibenzofuran	10.139	168	1603810	40.73	ng		99
56) 4-Nitrophenol	10.051	139	507920	84.82	ng		96
57) 2,4-Dinitrotoluene	10.122	165	423694	46.50	ng		95
58) Fluorene	10.480	166	1267649	40.30	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	385477	48.62	ng		100
60) Diethylphthalate	10.351	149	1379293	42.65	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	623948	42.22	ng		98
62) 4-Nitroaniline	10.498	138	311500	37.42	ng		98
63) Azobenzene	10.633	77	1262160	39.88	ng		97
65) 4,6-Dinitro-2-methylph...	10.527	198	232450	53.64	ng		90
66) n-Nitrosodiphenylamine	10.592	169	1142071	40.85	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	417251	42.24	ng		96
68) Hexachlorobenzene	11.033	284	465933	43.97	ng		97
69) Atrazine	11.122	200	331411	42.92	ng		99
70) Pentachlorophenol	11.227	266	548587	95.53	ng		99
71) Phenanthrene	11.445	178	1898823	39.41	ng		100
72) Anthracene	11.498	178	1937178	41.92	ng		100
73) Carbazole	11.651	167	1700159	39.64	ng		100
74) Di-n-butylphthalate	11.980	149	2071136	40.72	ng		100
75) Fluoranthene	12.639	202	1987512	41.28	ng		99
77) Benzidine	12.757	184	691964	49.17	ng		99
78) Pyrene	12.868	202	1979966	42.17	ng		100
80) Butylbenzylphthalate	13.486	149	884271	43.77	ng		98
81) Benzo(a)anthracene	14.063	228	1777097	42.22	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	506164	38.21	ng		99
83) Chrysene	14.104	228	1720651	40.85	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	1216895	45.33	ng		99
85) Di-n-octyl phthalate	14.662	149	2003253	44.44	ng		99
87) Indeno(1,2,3-cd)pyrene	17.062	276	1539011	45.91	ng		99
88) Benzo(b)fluoranthene	15.121	252	1735653	47.77	ng		99
89) Benzo(k)fluoranthene	15.157	252	1500969	44.46	ng		98
90) Benzo(a)pyrene	15.498	252	1426759	44.71	ng		99
91) Dibenzo(a,h)anthracene	17.080	278	1285317	46.59	ng		99
92) Benzo(g,h,i)perylene	17.515	276	1245236	46.57	ng		98

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

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