Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
Data File : BF121476.D
Acq On : 31 Aug 2020 14:17
Operator : JU/CG
Sample : PB131281BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131281BS

Manual Integrations APPROVED
mohammad
9/2/2020 1:55:32 PM

Quant Time: Sep 01 09:30:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	320872	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1263577	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	673881	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1292355	20.00	ng		0.00
76) Chrysene-d12	14.03	240	1037775	20.00	ng		0.00
86) Perylene-d12	15.49	264	1005131	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1938487	101.36	ng		0.02
7) Phenol-d6	6.49	99	2597581	97.19	ng		0.00
23) Nitrobenzene-d5	7.43	82	2079340	112.50	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	792162	116.38	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	3658779	87.61	ng		0.00
79) Terphenyl-d14	12.97	244	3374515	68.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	341645	37.458	ng		99
3) Pyridine	3.49	79	775011	31.203	ng		98
4) n-Nitrosodimethylamine	3.44	42	403238	36.728	ng		90
6) Aniline	6.52	93	1012087	31.915	ng		99
8) 2-Chlorophenol	6.65	128	825949	42.552	ng		95
9) Benzaldehyde	6.41	77	499213	36.613	ng		100
10) Phenol	6.50	94	1075049	41.118	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	806739	37.978	ng		98
12) 1,3-Dichlorobenzene	6.80	146	864613	36.995	ng		99
13) 1,4-Dichlorobenzene	6.88	146	883507	37.721	ng		99
14) 1,2-Dichlorobenzene	7.03	146	810326	37.155	ng		99
15) Benzyl Alcohol	7.00	79	713313	40.663	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1148215	36.487	ng		98
17) 2-Methylphenol	7.11	107	688787	40.784	ng		100
18) Hexachloroethane	7.37	117	320327	39.962	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	587003	39.301	ng		97
20) 3+4-Methylphenols	7.26	107	827345	40.482	ng		88
22) Acetophenone	7.27	105	1110382	35.654	ng	#	98
24) Nitrobenzene	7.45	77	858594	46.344	ng		95
25) Isophorone	7.69	82	1610886	38.750	ng		99
26) 2-Nitrophenol	7.76	139	407135	51.148	ng		98
27) 2,4-Dimethylphenol	7.80	122	780197	45.250	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	1023680	36.213	ng		99
29) 2,4-Dichlorophenol	8.00	162	704689	41.393	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	752578	36.086	ng		99
31) Naphthalene	8.17	128	2337605	37.264	ng		100
32) Benzoic acid	7.92	122	528404	48.708	ng		100
33) 4-Chloroaniline	8.21	127	688449	24.640	ng		99
34) Hexachlorobutadiene	8.29	225	435179	35.089	ng		99
35) Caprolactam	8.59	113	225824m	40.671	ng		
36) 4-Chloro-3-methylphenol	8.69	107	726187	40.457	ng		98
37) 2-Methylnaphthalene	8.86	142	1611704	38.778	ng		99
38) 1-Methylnaphthalene	8.96	142	1517860	38.676	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	719561	36.021	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	809274	96.338	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	522545	41.387	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	531138	42.542	ng		97
46) 1,1'-Biphenyl	9.32	154	1939594	38.143	ng		99
47) 2-Chloronaphthalene	9.35	162	1467663	35.114	ng		99
48) 2-Nitroaniline	9.44	65	465290	40.816	ng		95
49) Acenaphthylene	9.76	152	2365137	37.725	ng		99
50) Dimethylphthalate	9.63	163	1721083	37.181	ng		99
51) 2,6-Dinitrotoluene	9.69	165	379660	44.329	ng		90
52) Acenaphthene	9.94	154	1576173	39.815	ng		99
53) 3-Nitroaniline	9.85	138	292283	28.892	ng	#	97
54) 2,4-Dinitrophenol	9.96	184	313926	78.940	ng		91
55) Dibenzofuran	10.11	168	2128143	37.007	ng		100
56) 4-Nitrophenol	10.02	139	701292	78.616	ng		86
57) 2,4-Dinitrotoluene	10.09	165	494680	46.574	ng		98
58) Fluorene	10.45	166	1579131	36.427	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	463233	44.565	ng		100
60) Diethylphthalate	10.33	149	1727419	37.144	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	785271	36.154	ng		95
62) 4-Nitroaniline	10.47	138	412614	37.566	ng		97
63) Azobenzene	10.60	77	1688469	36.714	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	210238	52.894	ng		98
66) n-Nitrosodiphenylamine	10.56	169	1491483	36.490	ng		100
67) 4-Bromophenyl-phenylether	10.93	248	503656	35.426	ng		98
68) Hexachlorobenzene	11.00	284	581743	34.992	ng		99
69) Atrazine	11.09	200	436003	36.781	ng		100
70) Pentachlorophenol	11.19	266	694887	91.490	ng		96
71) Phenanthrene	11.42	178	2346264	35.377	ng		99
72) Anthracene	11.46	178	2419457	37.092	ng		100
73) Carbazole	11.62	167	2267963	36.056	ng		100
74) Di-n-butylphthalate	11.95	149	2594933	37.136	ng		100
75) Fluoranthene	12.60	202	2603854	36.429	ng		100
77) Benzidine	12.72	184	1205578	53.266	ng		99
78) Pyrene	12.83	202	2642465	35.653	ng		100
80) Butylbenzylphthalate	13.45	149	1156626	40.508	ng		99
81) Benzo(a)anthracene	14.02	228	2225674	35.132	ng		100
82) 3,3'-Dichlorobenzidine	13.98	252	769176	33.149	ng		98
83) Chrysene	14.06	228	2222609	35.068	ng		99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1459921	39.588	ng		100
85) Di-n-octyl phthalate	14.62	149	2668468	42.698	ng		99
87) Indeno(1,2,3-cd)pyrene	16.97	276	2291600	37.055	ng		100
88) Benzo(b)fluoranthene	15.07	252	2355262	36.022	ng		99
89) Benzo(k)fluoranthene	15.10	252	2296887	37.768	ng		99
90) Benzo(a)pyrene	15.43	252	2128625	36.205	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	1901131	37.554	ng		98
92) Benzo(g,h,i)perylene	17.41	276	1857046	38.081	ng		97

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

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