Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
Data File : BF120978.D
Acq On : 23 Jul 2020 13:07
Operator : JU/CG
Sample : PB130373BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130373BS

Manual Integrations APPROVED
Sohil
7/24/2020 12:12:12 PM

Quant Time: Jul 23 14:23:50 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	191117	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	748619	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	392346	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	737227	20.00	ng		0.00
76) Chrysene-d12	13.97	240	549670	20.00	ng		0.00
86) Perylene-d12	15.42	264	535003	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1378809	118.27	ng		0.02
7) Phenol-d6	6.45	99	1717613	114.06	ng		0.00
23) Nitrobenzene-d5	7.38	82	1120808	86.63	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	525138	122.28	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1982227	75.43	ng		0.00
79) Terphenyl-d14	12.92	244	2125839	84.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	207132	38.605	ng		100
3) Pyridine	3.36	79	565123	39.594	ng		98
4) n-Nitrosodimethylamine	3.31	42	262180	42.957	ng		98
6) Aniline	6.48	93	725741	36.919	ng		98
8) 2-Chlorophenol	6.60	128	587243	45.725	ng		100
9) Benzaldehyde	6.36	77	239896	30.890	ng		100
10) Phenol	6.46	94	673424	40.652	ng		88
11) bis(2-Chloroethyl)ether	6.55	93	551552	43.444	ng		99
12) 1,3-Dichlorobenzene	6.76	146	585734	42.060	ng		99
13) 1,4-Dichlorobenzene	6.83	146	586562	42.358	ng		99
14) 1,2-Dichlorobenzene	6.99	146	533549	40.728	ng		100
15) Benzyl Alcohol	6.96	79	419300	39.372	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	776804	42.451	ng		99
17) 2-Methylphenol	7.07	107	459704	40.385	ng		98
18) Hexachloroethane	7.33	117	223997	44.692	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	361588	42.226	ng		98
20) 3+4-Methylphenols	7.22	107	498168	34.403	ng		91
22) Acetophenone	7.23	105	689427	41.034	ng	#	93
24) Nitrobenzene	7.40	77	577928	41.445	ng		99
25) Isophorone	7.64	82	1094527	42.389	ng		99
26) 2-Nitrophenol	7.72	139	314776	47.530	ng		98
27) 2,4-Dimethylphenol	7.75	122	489399	45.515	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	699664	44.390	ng		100
29) 2,4-Dichlorophenol	7.96	162	484583	44.103	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	522887	42.894	ng		99
31) Naphthalene	8.12	128	1584025	41.250	ng		99
32) Benzoic acid	7.89	122	376705	46.671	ng		98
33) 4-Chloroaniline	8.17	127	600011	35.026	ng		98
34) Hexachlorobutadiene	8.24	225	302059	42.033	ng		99
35) Caprolactam	8.55	113	150466m	42.703	ng		
36) 4-Chloro-3-methylphenol	8.66	107	507045	44.996	ng		95
37) 2-Methylnaphthalene	8.81	142	1084620	43.500	ng		99
38) 1-Methylnaphthalene	8.91	142	1028857	43.569	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	465622	40.732	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	521935	82.613	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	359488	44.664	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	383901	42.049	ng		99
46) 1,1'-Biphenyl	9.27	154	1275022	42.603	ng		100
47) 2-Chloronaphthalene	9.30	162	1009640	41.378	ng		99
48) 2-Nitroaniline	9.40	65	319330	43.305	ng		92
49) Acenaphthylene	9.72	152	1580065	41.683	ng		100
50) Dimethylphthalate	9.58	163	1219991	43.101	ng		99
51) 2,6-Dinitrotoluene	9.64	165	274579	45.153	ng		93
52) Acenaphthene	9.89	154	1111693m	46.128	ng		
53) 3-Nitroaniline	9.81	138	262000	34.352	ng		96
54) 2,4-Dinitrophenol	9.92	184	300142	85.256	ng	#	84
55) Dibenzofuran	10.06	168	1423099	40.834	ng		99
56) 4-Nitrophenol	9.97	139	475839	82.133	ng		100
57) 2,4-Dinitrotoluene	10.05	165	363421	45.508	ng		97
58) Fluorene	10.40	166	1006126	38.708	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	324887	46.738	ng		97
60) Diethylphthalate	10.28	149	1216494	42.490	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	496079	35.782	ng		99
62) 4-Nitroaniline	10.43	138	300510	40.449	ng		97
63) Azobenzene	10.56	77	1134826	41.635	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	200240	47.016	ng		98
66) n-Nitrosodiphenylamine	10.52	169	1016182	43.817	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	351852	42.807	ng		97
68) Hexachlorobenzene	10.95	284	393786	44.289	ng	#	89
69) Atrazine	11.05	200	291395	50.734	ng		99
70) Pentachlorophenol	11.15	266	437906	85.970	ng		100
71) Phenanthrene	11.36	178	1563838	41.245	ng		99
72) Anthracene	11.42	178	1593608	41.857	ng		99
73) Carbazole	11.57	167	1513733	40.063	ng		99
74) Di-n-butylphthalate	11.90	149	1831423	42.003	ng		99
75) Fluoranthene	12.55	202	1708190	40.645	ng		99
77) Benzidine	12.67	184	861155	59.588	ng		99
78) Pyrene	12.77	202	1727787	44.460	ng		99
80) Butylbenzylphthalate	13.40	149	789948	45.598	ng		97
81) Benzo(a)anthracene	13.96	228	1336948	40.166	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	543848	43.308	ng		100
83) Chrysene	14.00	228	1459714	41.731	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	928016	43.441	ng	#	99
85) Di-n-octyl phthalate	14.57	149	1837650	43.238	ng		99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1502294	40.376	ng		99
88) Benzo(b)fluoranthene	15.00	252	1532159	47.378	ng		99
89) Benzo(k)fluoranthene	15.03	252	1385409	46.974	ng		100
90) Benzo(a)pyrene	15.36	252	1313228	44.509	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	1256697	41.348	ng		99
92) Benzo(g,h,i)perylene	17.28	276	1167488	38.959	ng		98

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

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