Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120930.D
Acq On : 20 Jul 2020 13:25
Operator : JU/CG
Sample : PB130296BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB130296BS

Manual Integrations APPROVED
mohammad
7/21/2020 11:32:31 AM

Quant Time: Jul 20 15:11:39 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	178268	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	677563	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	347414	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	648379	20.00	ng		0.00
76) Chrysene-d12	13.98	240	507782	20.00	ng		0.00
86) Perylene-d12	15.42	264	516227	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1121670	103.15	ng		0.02
7) Phenol-d6	6.45	99	1386816	98.73	ng		0.00
23) Nitrobenzene-d5	7.38	82	863414	73.73	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	404327	106.32	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	1587868	68.24	ng		0.00
79) Terphenyl-d14	12.93	244	1572985	67.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	175998	35.167	ng		99
3) Pyridine	3.35	79	495227	37.198	ng		98
4) n-Nitrosodimethylamine	3.30	42	232649	40.866	ng		96
6) Aniline	6.48	93	602573	32.863	ng		98
8) 2-Chlorophenol	6.60	128	514956	42.987	ng		98
9) Benzaldehyde	6.36	77	129322	15.604	ng		99
10) Phenol	6.46	94	625007	40.449	ng		95
11) bis(2-Chloroethyl)ether	6.55	93	484415	40.906	ng		98
12) 1,3-Dichlorobenzene	6.76	146	517536	39.841	ng		99
13) 1,4-Dichlorobenzene	6.83	146	524832	40.632	ng		99
14) 1,2-Dichlorobenzene	6.99	146	506689	41.465	ng		99
15) Benzyl Alcohol	6.96	79	400103	40.277	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	686670	40.230	ng		99
17) 2-Methylphenol	7.07	107	406185	38.255	ng		99
18) Hexachloroethane	7.33	117	194300	41.561	ng		94
19) n-Nitroso-di-n-propylamine	7.23	70	316783	39.660	ng		97
20) 3+4-Methylphenols	7.22	107	460204	34.072	ng		94
22) Acetophenone	7.23	105	617085	40.580	ng	#	93
24) Nitrobenzene	7.40	77	515998	40.885	ng		99
25) Isophorone	7.64	82	937621	40.121	ng		97
26) 2-Nitrophenol	7.72	139	263214	43.913	ng		98
27) 2,4-Dimethylphenol	7.76	122	427052	43.881	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	603594	42.311	ng		100
29) 2,4-Dichlorophenol	7.96	162	420700	42.304	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	450469	40.828	ng		98
31) Naphthalene	8.12	128	1398176	40.229	ng		99
32) Benzoic acid	7.88	122	294383	40.296	ng		98
33) 4-Chloroaniline	8.17	127	387905	25.019	ng		99
34) Hexachlorobutadiene	8.24	225	260451	40.044	ng		100
35) Caprolactam	8.55	113	128738m	40.368	ng		
36) 4-Chloro-3-methylphenol	8.66	107	428277	41.991	ng		95
37) 2-Methylnaphthalene	8.82	142	949997	42.097	ng		100
38) 1-Methylnaphthalene	8.92	142	896803	41.959	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	413514	40.852	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	493663	88.244	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	312290	43.818	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	328479	40.632	ng		99
46) 1,1'-Biphenyl	9.28	154	1113204	42.007	ng		99
47) 2-Chloronaphthalene	9.30	162	882351	40.838	ng		98
48) 2-Nitroaniline	9.40	65	269656	41.298	ng		96
49) Acenaphthylene	9.72	152	1381397	41.155	ng		100
50) Dimethylphthalate	9.58	163	1028324	41.028	ng		99
51) 2,6-Dinitrotoluene	9.64	165	233714	43.403	ng		94
52) Acenaphthene	9.89	154	944749m	44.271	ng		
53) 3-Nitroaniline	9.80	138	178244	26.393	ng		97
54) 2,4-Dinitrophenol	9.92	184	233919	75.858	ng		87
55) Dibenzofuran	10.06	168	1243807	40.305	ng		99
56) 4-Nitrophenol	9.97	139	412997	80.505	ng		96
57) 2,4-Dinitrotoluene	10.05	165	312853	44.243	ng		98
58) Fluorene	10.40	166	904314	39.291	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	280497	45.571	ng		96
60) Diethylphthalate	10.28	149	1033598	40.771	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	450139	36.668	ng		95
62) 4-Nitroaniline	10.42	138	250602	38.094	ng		99
63) Azobenzene	10.56	77	981975	40.687	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	163645	43.960	ng		97
66) n-Nitrosodiphenylamine	10.52	169	875170	42.907	ng		100
67) 4-Bromophenyl-phenylether	10.89	248	301819	41.752	ng		93
68) Hexachlorobenzene	10.95	284	340686	43.567	ng	#	91
69) Atrazine	11.05	200	257600	50.996	ng		100
70) Pentachlorophenol	11.15	266	391152	87.314	ng		99
71) Phenanthrene	11.36	178	1405964	42.162	ng		100
72) Anthracene	11.42	178	1424987	42.557	ng		99
73) Carbazole	11.57	167	1347459	40.549	ng		99
74) Di-n-butylphthalate	11.90	149	1598352	41.681	ng		100
75) Fluoranthene	12.55	202	1536240	41.563	ng		99
77) Benzidine	12.67	184	669237	50.128	ng		100
78) Pyrene	12.78	202	1543914	43.006	ng		99
80) Butylbenzylphthalate	13.40	149	701629	43.841	ng		99
81) Benzo(a)anthracene	13.97	228	1245491	40.505	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	405048	34.916	ng		99
83) Chrysene	14.00	228	1346920	41.683	ng		100
84) Bis(2-ethylhexyl)phthalate	13.96	149	832408	42.180	ng	#	99
85) Di-n-octyl phthalate	14.57	149	1639157	41.749	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1422653	39.626	ng		99
88) Benzo(b)fluoranthene	15.01	252	1387071	44.452	ng		99
89) Benzo(k)fluoranthene	15.04	252	1285651	45.177	ng		100
90) Benzo(a)pyrene	15.37	252	1218144	42.788	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	1175442	40.081	ng		99
92) Benzo(g,h,i)perylene	17.29	276	1128731	39.035	ng		98

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

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