Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
Data File : BF120161.D
Acq On : 23 Apr 2020 14:16
Operator : MA/SJ
Sample : PB128435BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128435BS

Manual Integrations APPROVED
mohammad
4/24/2020 1:33:59 PM

Quant Time: Apr 23 14:55:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 13:31:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	140326	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	553796	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	293066	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	560674	20.00	ng		0.00
76) Chrysene-d12	13.83	240	407578	20.00	ng		0.00
87) Perylene-d12	15.23	264	355552	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	929890	114.52	ng		0.01
7) Phenol-d6	6.31	99	1184411	113.20	ng		0.00
23) Nitrobenzene-d5	7.23	82	722803	67.52	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	332540	92.68	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	1479346	71.67	ng		0.00
79) Terphenyl-d14	12.77	244	1669671	68.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	119500	33.042	ng		99
3) Pyridine	3.01	79	335444	33.806	ng		93
4) n-Nitrosodimethylamine	2.96	42	189412	37.361	ng		97
6) Aniline	6.33	93	522195	38.026	ng	#	76
8) 2-Chlorophenol	6.45	128	376871	41.540	ng		96
9) Benzaldehyde	6.21	77	144289	20.343	ng		98
10) Phenol	6.32	94	479483	40.395	ng	#	67
11) bis(2-Chloroethyl)ether	6.40	93	352417	38.452	ng		100
12) 1,3-Dichlorobenzene	6.60	146	380557	38.314	ng		98
13) 1,4-Dichlorobenzene	6.68	146	381374	37.693	ng		98
14) 1,2-Dichlorobenzene	6.83	146	361268	38.744	ng		99
15) Benzyl Alcohol	6.82	79	308661	37.982	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.95	45	619163	34.717	ng		96
17) 2-Methylphenol	6.93	107	301805	37.276	ng		97
18) Hexachloroethane	7.17	117	144419	38.193	ng		98
19) n-Nitroso-di-n-propylamine	7.09	70	259178	38.522	ng		99
20) 3+4-Methylphenols	7.09	107	383669	38.746	ng		93
22) Acetophenone	7.08	105	504125	38.874	ng	#	91
24) Nitrobenzene	7.25	77	391558	36.361	ng		99
25) Isophorone	7.49	82	735400	35.637	ng		99
26) 2-Nitrophenol	7.57	139	203361	37.799	ng		91
27) 2,4-Dimethylphenol	7.62	122	329063	40.555	ng		97
28) bis(2-Chloroethoxy)methane	7.71	93	466455	38.414	ng		99
29) 2,4-Dichlorophenol	7.81	162	318367	38.279	ng		99
30) 1,2,4-Trichlorobenzene	7.89	180	337823	35.847	ng		99
31) Naphthalene	7.97	128	1089463	37.391	ng		97
32) Benzoic acid	7.75	122	221705	31.111	ng		96
33) 4-Chloroaniline	8.02	127	434499	34.255	ng		99
34) Hexachlorobutadiene	8.09	225	192793	34.176	ng		97
35) Caprolactam	8.40	113	95465m	37.523	ng		
36) 4-Chloro-3-methylphenol	8.52	107	350327	38.905	ng		98
37) 2-Methylnaphthalene	8.66	142	744434	37.685	ng		98
38) 1-Methylnaphthalene	8.76	142	704104	37.817	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	332800	35.954	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	345567	65.654	ng		99
43) 2,4,6-Trichlorophenol	8.95	196	231118	36.158	ng		99
44) 2,4,5-Trichlorophenol	8.99	196	250085	34.738	ng		98
46) 1,1'-Biphenyl	9.13	154	903335	36.518	ng		99
47) 2-Chloronaphthalene	9.15	162	706879	37.095	ng		99
48) 2-Nitroaniline	9.25	65	245498	35.551	ng		98
49) Acenaphthylene	9.57	152	1108790	38.261	ng		99
50) Dimethylphthalate	9.44	163	834774	36.826	ng		99
51) 2,6-Dinitrotoluene	9.50	165	183740	37.015	ng		96
52) Acenaphthene	9.74	154	664626	34.380	ng		98
53) 3-Nitroaniline	9.66	138	189257	33.383	ng		99
54) 2,4-Dinitrophenol	9.77	184	198998	66.959	ng	#	87
55) Dibenzofuran	9.91	168	1008068	38.000	ng		100
56) 4-Nitrophenol	9.84	139	288665	68.432	ng		99
57) 2,4-Dinitrotoluene	9.90	165	243720	37.266	ng		95
58) Fluorene	10.25	166	792893	37.373	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.03	232	209170	37.989	ng		98
60) Diethylphthalate	10.14	149	861190	36.656	ng		100
61) 4-Chlorophenyl-phenylether	10.25	204	380504	34.993	ng		97
62) 4-Nitroaniline	10.28	138	207633	38.430	ng		100
63) Azobenzene	10.41	77	815902	38.751	ng		97
65) 4,6-Dinitro-2-methylphenol	10.31	198	138702	37.550	ng		83
66) n-Nitrosodiphenylamine	10.37	169	718736	38.545	ng		98
67) 4-Bromophenyl-phenylether	10.73	248	236305	33.891	ng		95
68) Hexachlorobenzene	10.80	284	254832	36.027	ng		98
69) Atrazine	10.90	200	220270	42.457	ng		98
70) Pentachlorophenol	11.00	266	248687	61.009	ng		99
71) Phenanthrene	11.22	178	1145635	38.393	ng		98
72) Anthracene	11.26	178	1198817	39.327	ng		98
73) Carbazole	11.42	167	1081637	37.522	ng		98
74) Di-n-butylphthalate	11.76	149	1413199	37.292	ng		99
75) Fluoranthene	12.40	202	1253000	38.917	ng		99
77) Benzidine	12.53	184	870539	63.186	ng		98
78) Pyrene	12.63	202	1261368	36.711	ng		98
80) Butylbenzylphthalate	13.25	149	577612	34.645	ng		95
81) Benzo(a)anthracene	13.82	228	1023684	38.179	ng		99
82) 3,3'-Dichlorobenzidine	13.78	252	336430	33.628	ng		99
83) Chrysene	13.86	228	1056469	38.777	ng		97
84) Bis(2-ethylhexyl)phthalate	13.82	149	797130	35.306	ng		100
85) Di-n-octyl phthalate	14.43	149	1384953	36.026	ng		98
86) Indeno(1,2,3-cd)pyrene	16.58	276	881910	36.722	ng		100
88) Benzo(b)fluoranthene	14.83	252	950819	37.174	ng		99
89) Benzo(k)fluoranthene	14.86	252	937040	42.460	ng		99
90) Benzo(a)pyrene	15.17	252	807974	37.570	ng		98
91) Dibenzo(a,h)anthracene	16.59	278	737263	38.703	ng		99
92) Benzo(g,h,i)perylene	16.99	276	700811	37.270	ng		98

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

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