Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
Data File : BF120982.D
Acq On : 23 Jul 2020 15:10
Operator : JU/CG
Sample : PB130408BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB130408BS

Manual Integrations APPROVED
Sohil
7/24/2020 12:12:14 PM

Quant Time: Jul 23 16:34:44 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	221020	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	855228	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	449197	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	830444	20.00	ng		0.00
76) Chrysene-d12	13.97	240	589687	20.00	ng		0.00
86) Perylene-d12	15.42	264	556119	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1334499	98.98	ng		0.02
7) Phenol-d6	6.46	99	1680790	96.51	ng		0.01
23) Nitrobenzene-d5	7.38	82	1091469	73.85	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	499355	101.56	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1948439	64.76	ng		0.00
79) Terphenyl-d14	12.92	244	2029489	74.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	215382	34.712	ng		99
3) Pyridine	3.37	79	595957	36.105	ng		99
4) n-Nitrosodimethylamine	3.33	42	279997	39.670	ng		96
6) Aniline	6.48	93	656861	28.894	ng		98
8) 2-Chlorophenol	6.60	128	629074	42.355	ng		99
9) Benzaldehyde	6.36	77	162473	15.861	ng		98
10) Phenol	6.47	94	731310	38.174	ng		86
11) bis(2-Chloroethyl)ether	6.55	93	600706	40.914	ng		99
12) 1,3-Dichlorobenzene	6.76	146	621735	38.605	ng		98
13) 1,4-Dichlorobenzene	6.83	146	618273	38.607	ng		99
14) 1,2-Dichlorobenzene	6.99	146	567934	37.487	ng		99
15) Benzyl Alcohol	6.96	79	442716	35.946	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	821797	38.833	ng		98
17) 2-Methylphenol	7.07	107	492223	37.391	ng		98
18) Hexachloroethane	7.33	117	236939	40.878	ng		97
19) n-Nitroso-di-n-propylamine	7.24	70	387973	39.177	ng		99
20) 3+4-Methylphenols	7.23	107	532547	31.802	ng		91
22) Acetophenone	7.23	105	738942	38.499	ng	#	92
24) Nitrobenzene	7.40	77	619693	38.901	ng		99
25) Isophorone	7.64	82	1165671	39.517	ng		99
26) 2-Nitrophenol	7.72	139	334228	44.176	ng		99
27) 2,4-Dimethylphenol	7.76	122	518462	42.207	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	746233	41.443	ng		99
29) 2,4-Dichlorophenol	7.96	162	519117	41.357	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	557515	40.033	ng		99
31) Naphthalene	8.12	128	1683997	38.387	ng		99
32) Benzoic acid	7.89	122	413111	44.801	ng		99
33) 4-Chloroaniline	8.17	127	471017	24.069	ng		98
34) Hexachlorobutadiene	8.24	225	318543	38.801	ng		100
35) Caprolactam	8.55	113	160308m	39.825	ng		
36) 4-Chloro-3-methylphenol	8.66	107	534432	41.514	ng		98
37) 2-Methylnaphthalene	8.81	142	1162356	40.807	ng		99
38) 1-Methylnaphthalene	8.91	142	1106613	41.020	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	497043	37.978	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	523782	72.413	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	380214	41.261	ng		98
44) 2,4,5-Trichlorophenol	9.13	196	387408	37.063	ng		97
46) 1,1'-Biphenyl	9.27	154	1338351	39.059	ng		99
47) 2-Chloronaphthalene	9.30	162	1073876	38.440	ng		100
48) 2-Nitroaniline	9.40	65	332295	39.360	ng		93
49) Acenaphthylene	9.72	152	1663891	38.339	ng		100
50) Dimethylphthalate	9.58	163	1299077	40.087	ng		99
51) 2,6-Dinitrotoluene	9.64	165	289181	41.535	ng		94
52) Acenaphthene	9.89	154	1166827m	42.288	ng		
53) 3-Nitroaniline	9.81	138	233206	26.707	ng		98
54) 2,4-Dinitrophenol	9.92	184	311207	77.856	ng		88
55) Dibenzofuran	10.06	168	1497297	37.525	ng		99
56) 4-Nitrophenol	9.97	139	504213	76.015	ng		99
57) 2,4-Dinitrotoluene	10.04	165	381223	41.696	ng		98
58) Fluorene	10.40	166	1043605	35.068	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	338584	42.543	ng		98
60) Diethylphthalate	10.28	149	1285563	39.219	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	518264	32.651	ng		100
62) 4-Nitroaniline	10.43	138	303863	35.724	ng		99
63) Azobenzene	10.56	77	1174867	37.649	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	206950	43.454	ng		98
66) n-Nitrosodiphenylamine	10.52	169	1059519	40.557	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	371803	40.157	ng		97
68) Hexachlorobenzene	10.94	284	412098	41.146	ng		97
69) Atrazine	11.04	200	297869	46.040	ng		99
70) Pentachlorophenol	11.14	266	455358	79.361	ng		99
71) Phenanthrene	11.36	178	1618331	37.891	ng		100
72) Anthracene	11.42	178	1659636	38.698	ng		99
73) Carbazole	11.57	167	1559746	36.647	ng		99
74) Di-n-butylphthalate	11.90	149	1904925	38.784	ng		99
75) Fluoranthene	12.55	202	1754296	37.057	ng		98
77) Benzidine	12.67	184	487668	31.454	ng		99
78) Pyrene	12.77	202	1770118	42.458	ng		99
80) Butylbenzylphthalate	13.40	149	804457	43.285	ng		96
81) Benzo(a)anthracene	13.96	228	1351897	37.859	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	485020	36.003	ng		98
83) Chrysene	14.00	228	1477648	39.377	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	957750	41.791	ng	#	99
85) Di-n-octyl phthalate	14.57	149	1847059	40.510	ng		99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1475793	38.158	ng		99
88) Benzo(b)fluoranthene	15.00	252	1488998	44.295	ng		99
89) Benzo(k)fluoranthene	15.03	252	1379794	45.007	ng		100
90) Benzo(a)pyrene	15.36	252	1304349	42.529	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	1236311	39.133	ng		98
92) Benzo(g,h,i)perylene	17.27	276	1168604	37.515	ng		100

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

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