Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120291.D
Acq On : 14 May 2020 15:31
Operator : MA/SJ
Sample : PB128891BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Manual Integrations APPROVED
mohammad
5/18/2020 1:31:46 PM

Quant Time: May 14 16:41:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 12:47:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	325561	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	1307014	20.00	ng		0.00
39) Acenaphthene-d10	9.66	164	663381	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1244496	20.00	ng		0.00
76) Chrysene-d12	13.79	240	808012	20.00	ng		0.00
87) Perylene-d12	15.17	264	737496	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	2034494	121.59	ng		0.01
7) Phenol-d6	6.28	99	2556801	120.83	ng		0.00
23) Nitrobenzene-d5	7.20	82	1651531	86.51	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	662811	122.54	ng		0.00
45) 2-Fluorobiphenyl	8.99	172	2953539	91.47	ng		0.00
79) Terphenyl-d14	12.73	244	3062033	83.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	307640	46.220	ng		99
3) Pyridine	2.95	79	667126	31.885	ng		97
4) n-Nitrosodimethylamine	2.90	42	337315	41.173	ng		99
6) Aniline	6.29	93	664666	24.562	ng	#	72
8) 2-Chlorophenol	6.41	128	828977	42.491	ng		99
9) Benzaldehyde	6.17	77	528211	40.494	ng		98
10) Phenol	6.29	94	996554	40.346	ng		85
11) bis(2-Chloroethyl)ether	6.36	93	761611	38.600	ng		97
12) 1,3-Dichlorobenzene	6.56	146	819033	39.233	ng		98
13) 1,4-Dichlorobenzene	6.64	146	857744	39.893	ng		99
14) 1,2-Dichlorobenzene	6.79	146	765427	39.532	ng		99
15) Benzyl Alcohol	6.78	79	626083	41.649	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1253219	40.304	ng		99
17) 2-Methylphenol	6.90	107	660661	40.114	ng		97
18) Hexachloroethane	7.13	117	319383	38.992	ng		96
19) n-Nitroso-di-n-propylamine	7.05	70	564632	40.732	ng		94
20) 3+4-Methylphenols	7.06	107	853199	39.845	ng		98
22) Acetophenone	7.04	105	1110318	41.467	ng		98
24) Nitrobenzene	7.21	77	848580	41.304	ng		96
25) Isophorone	7.45	82	1594470	40.143	ng		99
26) 2-Nitrophenol	7.53	139	451119	41.985	ng		90
27) 2,4-Dimethylphenol	7.58	122	718399	45.962	ng		97
28) bis(2-Chloroethoxy)methane	7.67	93	1046365	41.912	ng		99
29) 2,4-Dichlorophenol	7.78	162	674228	42.000	ng		98
30) 1,2,4-Trichlorobenzene	7.85	180	714096	40.142	ng		98
31) Naphthalene	7.93	128	2381304	43.169	ng		99
32) Benzoic acid	7.73	122	407981	39.821	ng		100
33) 4-Chloroaniline	7.99	127	321700	12.797	ng		98
34) Hexachlorobutadiene	8.05	225	405494	39.437	ng		97
35) Caprolactam	8.36	113	213233m	40.602	ng		
36) 4-Chloro-3-methylphenol	8.49	107	736019	42.383	ng		99
37) 2-Methylnaphthalene	8.62	142	1577388	41.786	ng		98
38) 1-Methylnaphthalene	8.72	142	1517580	41.450	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	705919	42.201	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	598242	86.145	ng	100
43) 2,4,6-Trichlorophenol	8.91	196	462913	41.228	ng	99
44) 2,4,5-Trichlorophenol	8.96	196	491586	38.123	ng	99
46) 1,1'-Biphenyl	9.09	154	1917897	44.125	ng	100
47) 2-Chloronaphthalene	9.11	162	1427139	40.932	ng	99
48) 2-Nitroaniline	9.22	65	506787	39.838	ng	99
49) Acenaphthylene	9.53	152	2239820	42.055	ng	100
50) Dimethylphthalate	9.40	163	1686985	40.228	ng	99
51) 2,6-Dinitrotoluene	9.46	165	381226	40.731	ng	85
52) Acenaphthene	9.70	154	1319280	41.326	ng	100
53) 3-Nitroaniline	9.63	138	181877	16.295	ng	98
54) 2,4-Dinitrophenol	9.74	184	334468	75.706	ng	96
55) Dibenzofuran	9.87	168	1933165	42.051	ng	99
56) 4-Nitrophenol	9.82	139	454884	75.849	ng	90
57) 2,4-Dinitrotoluene	9.87	165	451944	41.164	ng	98
58) Fluorene	10.22	166	1496491	42.743	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.99	232	407719	42.015	ng	98
60) Diethylphthalate	10.10	149	1672688	41.316	ng	99
61) 4-Chlorophenyl-phenylether	10.20	204	730042	40.105	ng	98
62) 4-Nitroaniline	10.25	138	395752	38.078	ng	99
63) Azobenzene	10.37	77	1629317	42.582	ng	98
65) 4,6-Dinitro-2-methylphenol	10.27	198	259899	41.294	ng	92
66) n-Nitrosodiphenylamine	10.33	169	1391494	40.415	ng	100
67) 4-Bromophenyl-phenylether	10.69	248	462485	38.297	ng	98
68) Hexachlorobenzene	10.76	284	499245	39.517	ng	99
69) Atrazine	10.86	200	393727	38.217	ng	99
70) Pentachlorophenol	10.96	266	402846	74.972	ng	100
71) Phenanthrene	11.17	178	2117642	40.495	ng	99
72) Anthracene	11.22	178	2341684	41.829	ng	100
73) Carbazole	11.39	167	2100165	40.150	ng	99
74) Di-n-butylphthalate	11.72	149	2643994	41.941	ng	99
75) Fluoranthene	12.36	202	2361449	42.131	ng	99
77) Benzidine	12.49	184	911778	38.642	ng	97
78) Pyrene	12.59	202	2381158	41.337	ng	99
80) Butylbenzylphthalate	13.21	149	1079045	39.781	ng	99
81) Benzo(a)anthracene	13.77	228	1728795	40.566	ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	375635	23.389	ng	99
83) Chrysene	13.82	228	1834444	40.086	ng	100
84) Bis(2-ethylhexyl)phthalate	13.77	149	1390218	41.195	ng	100
85) Di-n-octyl phthalate	14.39	149	2533751	41.735	ng	99
86) Indeno(1,2,3-cd)pyrene	16.50	276	1597629	38.465	ng	100
88) Benzo(b)fluoranthene	14.79	252	1715966	42.605	ng	98
89) Benzo(k)fluoranthene	14.82	252	1501681	43.035	ng	100
90) Benzo(a)pyrene	15.12	252	1448679	40.106	ng	99
91) Dibenzo(a,h)anthracene	16.52	278	1342868	41.965	ng	100
92) Benzo(g,h,i)perylene	16.90	276	1356659	42.043	ng	99

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

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