Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120303.D
Acq On : 14 May 2020 21:01
Operator : MA/SJ
Sample : L2635-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-P72-11933MS

Manual Integrations APPROVED
mohammad
5/18/2020 1:32:08 PM

Quant Time: May 15 04:12:55 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	393417	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	1549850	20.00	ng		0.00
39) Acenaphthene-d10	9.66	164	758674	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1347757	20.00	ng		0.00
76) Chrysene-d12	13.79	240	735758	20.00	ng		0.00
87) Perylene-d12	15.17	264	743002	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1949722	96.43	ng		0.01
7) Phenol-d6	6.29	99	2494605	97.56	ng		0.00
23) Nitrobenzene-d5	7.20	82	1593751	70.41	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	597081	96.52	ng		0.00
45) 2-Fluorobiphenyl	8.99	172	2762977	74.82	ng		0.00
79) Terphenyl-d14	12.73	244	2510128	75.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	328322	40.819	ng		99
3) Pyridine	2.95	79	738151	29.195	ng		98
4) n-Nitrosodimethylamine	2.90	42	369459	37.319	ng		99
6) Aniline	6.29	93	382760	11.705	ng	#	1
8) 2-Chlorophenol	6.41	128	875975	37.156	ng		100
9) Benzaldehyde	6.17	77	556907	35.330	ng		99
10) Phenol	6.30	94	1088604	36.471	ng	#	72
11) bis(2-Chloroethyl)ether	6.36	93	856040	35.903	ng		98
12) 1,3-Dichlorobenzene	6.56	146	852218	33.782	ng		99
13) 1,4-Dichlorobenzene	6.64	146	883107	33.989	ng		99
14) 1,2-Dichlorobenzene	6.79	146	803397	34.336	ng		99
15) Benzyl Alcohol	6.78	79	655055	36.060	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1296194	34.496	ng		89
17) 2-Methylphenol	6.90	107	673023	33.817	ng		95
18) Hexachloroethane	7.13	117	326748	33.011	ng		96
19) n-Nitroso-di-n-propylamine	7.05	70	587292	35.059	ng		97
20) 3+4-Methylphenols	7.06	107	906207	35.022	ng		97
22) Acetophenone	7.04	105	1165914	36.721	ng	#	98
24) Nitrobenzene	7.22	77	878824	36.074	ng		99
25) Isophorone	7.46	82	1642891	34.881	ng		99
26) 2-Nitrophenol	7.53	139	476660	37.411	ng		90
27) 2,4-Dimethylphenol	7.58	122	739224	39.884	ng		98
28) bis(2-Chloroethoxy)methane	7.67	93	1074486	36.295	ng		99
29) 2,4-Dichlorophenol	7.78	162	685251	35.998	ng		99
30) 1,2,4-Trichlorobenzene	7.85	180	745253	35.330	ng		98
31) Naphthalene	7.93	128	2388604	36.517	ng		100
32) Benzoic acid	7.74	122	483615	39.808	ng		98
33) 4-Chloroaniline	8.00	127	190917	6.405	ng		100
34) Hexachlorobutadiene	8.05	225	410879	33.699	ng		97
35) Caprolactam	8.37	113	223473m	35.884	ng		
36) 4-Chloro-3-methylphenol	8.49	107	723048	35.112	ng		99
37) 2-Methylnaphthalene	8.62	142	1565037	34.963	ng		98
38) 1-Methylnaphthalene	8.72	142	1503981	34.643	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	717447	37.503	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	391309	52.106 ng	99
43) 2,4,6-Trichlorophenol	8.91	196	460884	35.891 ng	99
44) 2,4,5-Trichlorophenol	8.96	196	493777	33.483 ng	98
46) 1,1'-Biphenyl	9.09	154	1881344	37.847 ng	100
47) 2-Chloronaphthalene	9.11	162	1328739	33.323 ng	99
48) 2-Nitroaniline	9.22	65	503396	34.601 ng	98
49) Acenaphthylene	9.53	152	2185577	35.882 ng	100
50) Dimethylphthalate	9.40	163	2197315	45.816 ng	100
51) 2,6-Dinitrotoluene	9.46	165	372210	34.773 ng	89
52) Acenaphthene	9.70	154	1290751	35.354 ng	100
53) 3-Nitroaniline	9.63	138	173010	13.554 ng	97
54) 2,4-Dinitrophenol	9.74	184	244436	48.378 ng	97
55) Dibenzofuran	9.87	168	1868522	35.539 ng	99
56) 4-Nitrophenol	9.82	139	459127	66.940 ng	92
57) 2,4-Dinitrotoluene	9.87	165	440898	35.114 ng	96
58) Fluorene	10.21	166	1443390	36.048 ng	100
59) 2,3,4,6-Tetrachlorophenol	9.99	232	384927	34.684 ng	97
60) Diethylphthalate	10.10	149	1634251	35.296 ng	98
61) 4-Chlorophenyl-phenylether	10.20	204	714528	34.323 ng	97
62) 4-Nitroaniline	10.25	138	308317	25.939 ng	100
63) Azobenzene	10.37	77	1584047	36.199 ng	99
65) 4,6-Dinitro-2-methylphenol	10.27	198	196027	28.760 ng	95
66) n-Nitrosodiphenylamine	10.33	169	1352688	36.278 ng	100
67) 4-Bromophenyl-phenylether	10.69	248	442201	33.812 ng	99
68) Hexachlorobenzene	10.76	284	458981	33.546 ng	98
69) Atrazine	10.86	200	357347	32.028 ng	99
70) Pentachlorophenol	10.96	266	402184	69.114 ng	99
71) Phenanthrene	11.17	178	1999246	35.302 ng	99
72) Anthracene	11.22	178	2185072	36.041 ng	99
73) Carbazole	11.38	167	1911978	33.752 ng	99
74) Di-n-butylphthalate	11.72	149	2535763	37.143 ng	98
75) Fluoranthene	12.36	202	2071814	34.132 ng	98
77) Benzidine	12.49	184	786123	36.589 ng	99
78) Pyrene	12.59	202	1997839	38.089 ng	99
80) Butylbenzylphthalate	13.21	149	925887	37.487 ng	99
81) Benzo(a)anthracene	13.77	228	1363541	35.137 ng	98
82) 3,3'-Dichlorobenzidine	13.74	252	259031	17.713 ng	97
83) Chrysene	13.81	228	1438226	34.514 ng	100
84) Bis(2-ethylhexyl)phthalate	13.77	149	1174322	38.215 ng	98
85) Di-n-octyl phthalate	14.39	149	1994023	36.070 ng	99
86) Indeno(1,2,3-cd)pyrene	16.51	276	1496635	39.572 ng	100
88) Benzo(b)fluoranthene	14.79	252	1461247	36.012 ng	99
89) Benzo(k)fluoranthene	14.82	252	1220785	34.726 ng	100
90) Benzo(a)pyrene	15.12	252	1243782	34.179 ng	99
91) Dibenzo(a,h)anthracene	16.52	278	1240506	38.479 ng	99
92) Benzo(g,h,i)perylene	16.91	276	1242036	38.205 ng	99

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

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