Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121578.D
Acq On : 15 Sep 2020 15:28
Operator : JU/CG
Sample : L3998-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMSD

Manual Integrations APPROVED
mohammad
9/16/2020 10:14:46 AM

Quant Time: Sep 15 17:04:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	245594	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	979585	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	514944	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	940920	20.00	ng		0.00
76) Chrysene-d12	14.00	240	658037	20.00	ng		0.00
86) Perylene-d12	15.44	264	517943	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1308434	79.18	ng		0.02
7) Phenol-d6	6.48	99	1719780	79.32	ng		0.02
23) Nitrobenzene-d5	7.40	82	1192741	65.38	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	557282	87.07	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	2024330	59.54	ng		0.00
79) Terphenyl-d14	12.94	244	2047295	63.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	267863	35.281	ng		98
3) Pyridine	3.45	79	778681	37.100	ng		100
4) n-Nitrosodimethylamine	3.41	42	381093	39.144	ng		100
6) Aniline	6.50	93	642330	22.748	ng	#	77
8) 2-Chlorophenol	6.62	128	701002	41.663	ng		98
9) Benzaldehyde	6.38	77	327304	23.093	ng		99
10) Phenol	6.49	94	902131	39.075	ng		82
11) bis(2-Chloroethyl)ether	6.57	93	708786	40.733	ng		99
12) 1,3-Dichlorobenzene	6.77	146	722685	38.482	ng		99
13) 1,4-Dichlorobenzene	6.85	146	729390	38.680	ng		98
14) 1,2-Dichlorobenzene	7.00	146	703192	40.480	ng		99
15) Benzyl Alcohol	6.98	79	615751	41.785	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1082532	38.660	ng		86
17) 2-Methylphenol	7.10	107	567535	39.643	ng		94
18) Hexachloroethane	7.35	117	266078	39.408	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	491554	39.339	ng		99
20) 3+4-Methylphenols	7.25	107	673103	39.132	ng		98
22) Acetophenone	7.25	105	906921	36.490	ng		96
24) Nitrobenzene	7.42	77	765731	38.805	ng		100
25) Isophorone	7.66	82	1398261	38.072	ng		100
26) 2-Nitrophenol	7.73	139	366342	39.893	ng		94
27) 2,4-Dimethylphenol	7.77	122	626280	38.202	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	886660	38.997	ng		100
29) 2,4-Dichlorophenol	7.98	162	582607	39.018	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	604773	38.457	ng		99
31) Naphthalene	8.14	128	1939616	37.509	ng		100
32) Benzoic acid	7.92	122	432932	37.216	ng		97
33) 4-Chloroaniline	8.19	127	400850	17.883	ng		99
34) Hexachlorobutadiene	8.26	225	355959	38.563	ng		99
35) Caprolactam	8.57	113	196227m	39.463	ng		
36) 4-Chloro-3-methylphenol	8.69	107	634951	39.474	ng		96
37) 2-Methylnaphthalene	8.83	142	1288942	38.035	ng		99
38) 1-Methylnaphthalene	8.93	142	1206356	38.250	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	588859	36.609	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	545882	59.427 ng	99
43) 2,4,6-Trichlorophenol	9.11	196	438270	39.974 ng	99
44) 2,4,5-Trichlorophenol	9.16	196	442291	38.159 ng	95
46) 1,1'-Biphenyl	9.30	154	1528046	37.066 ng	99
47) 2-Chloronaphthalene	9.32	162	1189633	36.620 ng	99
48) 2-Nitroaniline	9.42	65	422577	41.860 ng	99
49) Acenaphthylene	9.74	152	1868959	37.444 ng	100
50) Dimethylphthalate	9.60	163	1666247	44.645 ng	100
51) 2,6-Dinitrotoluene	9.66	165	334637	42.101 ng	98
52) Acenaphthene	9.91	154	1231835m	39.073 ng	
53) 3-Nitroaniline	9.83	138	199957	21.716 ng	96
54) 2,4-Dinitrophenol	9.93	184	232464	54.020 ng	95
55) Dibenzofuran	10.08	168	1616119	36.401 ng	99
56) 4-Nitrophenol	10.01	139	527578	71.846 ng	98
57) 2,4-Dinitrotoluene	10.06	165	436177	43.619 ng	96
58) Fluorene	10.42	166	1257019	37.024 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	371234	39.397 ng	97
60) Diethylphthalate	10.30	149	1443980	39.682 ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	620503	38.152 ng	96
62) 4-Nitroaniline	10.44	138	300315	32.849 ng	98
63) Azobenzene	10.57	77	1454856	37.544 ng	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	172121	32.407 ng	95
66) n-Nitrosodiphenylamine	10.53	169	1232656	38.185 ng	99
67) 4-Bromophenyl-phenylether	10.90	248	423986	39.578 ng	96
68) Hexachlorobenzene	10.97	284	466554	38.591 ng	96
69) Atrazine	11.06	200	301279	37.566 ng	99
70) Pentachlorophenol	11.17	266	483611	72.838 ng	99
71) Phenanthrene	11.39	178	1862458	36.330 ng	100
72) Anthracene	11.43	178	1923758	36.364 ng	99
73) Carbazole	11.59	167	1744426	36.540 ng	99
74) Di-n-butylphthalate	11.92	149	2216676	40.230 ng	100
75) Fluoranthene	12.57	202	1989080	36.347 ng	99
77) Benzidine	12.69	184	1075881	49.318 ng	99
78) Pyrene	12.80	202	1965353	40.878 ng	100
80) Butylbenzylphthalate	13.42	149	939480	48.316 ng	97
81) Benzo(a)anthracene	13.99	228	1589513	38.181 ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	546028	33.596 ng	98
83) Chrysene	14.02	228	1584954	37.597 ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1242575	47.835 ng	99
85) Di-n-octyl phthalate	14.59	149	2174553	47.435 ng	100
87) Indeno(1,2,3-cd)pyrene	16.89	276	1438691	42.653 ng	100
88) Benzo(b)fluoranthene	15.03	252	1425978	41.183 ng	99
89) Benzo(k)fluoranthene	15.06	252	1322543	41.711 ng	98
90) Benzo(a)pyrene	15.39	252	1185760	40.287 ng	99
91) Dibenzo(a,h)anthracene	16.92	278	1178865	41.985 ng	99
92) Benzo(g,h,i)perylene	17.33	276	1218280	44.141 ng	99

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

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