Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
Data File : BF118730.D
Acq On : 29 Jan 2020 14:41
Operator : CG/JU
Sample : L1289-21MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-32-33-COMPMS

Manual Integrations APPROVED
mohammad
1/30/2020 10:18:09 AM

Quant Time: Jan 30 00:32:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	307692	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1182750	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	661752	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	1249050	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	902067	20.00	ng	-0.01
87) Perylene-d12	15.46	264	922597	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1743123	105.22	ng	0.00
7) Phenol-d6	6.49	99	2229999	103.56	ng	0.00
23) Nitrobenzene-d5	7.41	82	1416012	66.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	813260	106.25	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2668607	66.28	ng	-0.01
79) Terphenyl-d14	12.95	244	3146133	76.07	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.69	88	311375	38.804	ng	99
3) Pyridine	3.44	79	801291	35.429	ng	99
4) n-Nitrosodimethylamine	3.38	42	363079	37.446	ng	97
6) Aniline	6.51	93	825731	29.123	ng	99
8) 2-Chlorophenol	6.63	128	947629	50.960	ng	99
9) Benzaldehyde	6.40	77	451633	34.488	ng	100
10) Phenol	6.50	94	1164416	47.451	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	838189	46.038	ng	97
12) 1,3-Dichlorobenzene	6.79	146	985227	45.267	ng	99
13) 1,4-Dichlorobenzene	6.87	146	996692	45.619	ng	99
14) 1,2-Dichlorobenzene	7.02	146	945277	46.025	ng	99
15) Benzyl Alcohol	6.99	79	783679	45.893	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	981723	38.712	ng	98
17) 2-Methylphenol	7.10	107	757355	48.895	ng	99
18) Hexachloroethane	7.36	117	349102	44.065	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	601357	41.360	ng	96
20) 3+4-Methylphenols	7.26	107	876756	46.362	ng	92
22) Acetophenone	7.26	105	1158292	41.341	ng	95
24) Nitrobenzene	7.43	77	922089	42.588	ng	99
25) Isophorone	7.67	82	1705394	44.217	ng	99
26) 2-Nitrophenol	7.75	139	514450	55.718	ng	98
27) 2,4-Dimethylphenol	7.79	122	802893	50.358	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1038113	41.773	ng	99
29) 2,4-Dichlorophenol	7.99	162	817385	46.376	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	907105	44.387	ng	100
31) Naphthalene	8.16	128	2522589	47.214	ng	100
32) Benzoic acid	7.92	122	540226	45.147	ng	99
33) 4-Chloroaniline	8.20	127	311464	12.613	ng	97
34) Hexachlorobutadiene	8.27	225	529099	42.514	ng	99
35) Caprolactam	8.57	113	274444m	47.581	ng	
36) 4-Chloro-3-methylphenol	8.69	107	839227	48.218	ng	98
37) 2-Methylnaphthalene	8.85	142	1787866	47.407	ng	99
38) 1-Methylnaphthalene	8.95	142	1691867	47.220	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	862636	41.662	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	912696	87.367 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	630236	45.869 ng	98
44) 2,4,5-Trichlorophenol	9.16	196	657818	46.878 ng	99
46) 1,1'-Biphenyl	9.31	154	2112013	46.308 ng	99
47) 2-Chloronaphthalene	9.33	162	1726904	44.923 ng	99
48) 2-Nitroaniline	9.43	65	489149	41.394 ng	96
49) Acenaphthylene	9.75	152	2641156	48.838 ng	99
50) Dimethylphthalate	9.62	163	2436095	56.503 ng	99
51) 2,6-Dinitrotoluene	9.67	165	496022	51.378 ng	96
52) Acenaphthene	9.92	154	1791105	49.530 ng	99
53) 3-Nitroaniline	9.83	138	264913	24.030 ng	97
54) 2,4-Dinitrophenol	9.95	184	424758	110.204 ng	92
55) Dibenzofuran	10.10	168	2395378	47.799 ng	97
56) 4-Nitrophenol	10.00	139	806788	96.945 ng	98
57) 2,4-Dinitrotoluene	10.07	165	655396	53.850 ng	98
58) Fluorene	10.44	166	1791718	45.543 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	577199	46.765 ng	100
60) Diethylphthalate	10.31	149	1973776	47.217 ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	958308	44.787 ng	96
62) 4-Nitroaniline	10.46	138	485058	42.895 ng	93
63) Azobenzene	10.59	77	1746885	43.150 ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	339259	61.769 ng	96
66) n-Nitrosodiphenylamine	10.55	169	1715546	45.543 ng	99
67) 4-Bromophenyl-phenylether	10.92	248	670012	43.418 ng	97
68) Hexachlorobenzene	10.99	284	762324	43.573 ng	97
69) Atrazine	11.07	200	618557	47.377 ng	99
70) Pentachlorophenol	11.18	266	799758	82.219 ng	100
71) Phenanthrene	11.40	178	2722106	45.173 ng	99
72) Anthracene	11.45	178	2810858	47.141 ng	99
73) Carbazole	11.60	167	2518056	46.041 ng	100
74) Di-n-butylphthalate	11.93	149	2910413	47.897 ng	100
75) Fluoranthene	12.58	202	2959802	46.570 ng	98
77) Benzidine	12.70	184	1522284	63.159 ng	99
78) Pyrene	12.82	202	2974957	48.577 ng	99
80) Butylbenzylphthalate	13.43	149	1296430	51.725 ng	96
81) Benzo(a)anthracene	14.00	228	2495218	45.983 ng	98
82) 3,3'-Dichlorobenzidine	13.96	252	582702	30.136 ng	99
83) Chrysene	14.04	228	2474452	47.579 ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1678923	54.828 ng	98
85) Di-n-octyl phthalate	14.60	149	2758104	60.851 ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2669115	59.066 ng	100
88) Benzo(b)fluoranthene	15.04	252	2544863	43.883 ng	100
89) Benzo(k)fluoranthene	15.07	252	2314649	43.082 ng	100
90) Benzo(a)pyrene	15.41	252	2218219	44.342 ng	99
91) Dibenzo(a,h)anthracene	16.94	278	2188136	49.449 ng	98
92) Benzo(g,h,i)perylene	17.37	276	2250736	52.385 ng	100

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

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