Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
Data File : BF120796.D
Acq On : 7 Jul 2020 19:23
Operator : JU/CG
Sample : L3202-02MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-COMPMSD

Quant Time: Jul 08 03:18:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	155473	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	597793	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	298987	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	550264	20.00	ng		0.00
76) Chrysene-d12	14.02	240	394643	20.00	ng		0.00
86) Perylene-d12	15.47	264	316447	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1224216	121.55	ng		0.01
7) Phenol-d6	6.48	99	1361717	105.87	ng		0.00
23) Nitrobenzene-d5	7.42	82	1106186	107.21	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	460198	153.21	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1754103	88.76	ng		0.00
79) Terphenyl-d14	12.96	244	2112663	104.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	191515	41.627	ng		100
3) Pyridine	3.42	79	487077	38.651	ng		99
4) n-Nitrosodimethylamine	3.36	42	300872	47.725	ng	#	99
6) Aniline	6.51	93	599115	36.269	ng		99
8) 2-Chlorophenol	6.63	128	534981	49.891	ng		99
9) Benzaldehyde	6.40	77	97805	12.786	ng		98
10) Phenol	6.49	94	560438	42.357	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	540205	50.173	ng		100
12) 1,3-Dichlorobenzene	6.79	146	541206	45.854	ng		99
13) 1,4-Dichlorobenzene	6.87	146	546942	46.266	ng		99
14) 1,2-Dichlorobenzene	7.02	146	518497	46.101	ng		99
15) Benzyl Alcohol	6.99	79	460147	47.615	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	792898	47.214	ng		100
17) 2-Methylphenol	7.10	107	422844	44.079	ng		98
18) Hexachloroethane	7.36	117	209956	47.253	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	386928	49.962	ng		98
20) 3+4-Methylphenols	7.26	107	491205	41.575	ng	#	84
22) Acetophenone	7.26	105	713566	48.023	ng	#	95
24) Nitrobenzene	7.43	77	599566	51.754	ng		100
25) Isophorone	7.67	82	1071562	48.157	ng		99
26) 2-Nitrophenol	7.75	139	265799	54.032	ng		90
27) 2,4-Dimethylphenol	7.79	122	451323	50.810	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	677353	51.434	ng		99
29) 2,4-Dichlorophenol	7.99	162	441485	49.787	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	476047	47.797	ng		100
31) Naphthalene	8.16	128	1523481	47.687	ng		100
32) Benzoic acid	7.85	122	43498	10.540	ng		98
33) 4-Chloroaniline	8.20	127	338230	24.949	ng		96
34) Hexachlorobutadiene	8.27	225	272273	45.454	ng		98
35) Caprolactam	8.57	113	96780m	37.456	ng		
36) 4-Chloro-3-methylphenol	8.68	107	464018	50.305	ng		96
37) 2-Methylnaphthalene	8.85	142	1037740	49.968	ng		99
38) 1-Methylnaphthalene	8.95	142	975664	50.154	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	438048	48.477	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	446757	83.680	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	317046	51.491	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	335830	49.146	ng		98
46) 1,1'-Biphenyl	9.31	154	1228624	50.944	ng		100
47) 2-Chloronaphthalene	9.34	162	959404	49.656	ng		98
48) 2-Nitroaniline	9.43	65	318352	54.645	ng		97
49) Acenaphthylene	9.75	152	1492074	49.257	ng		99
50) Dimethylphthalate	9.62	163	1253006	57.450	ng		100
51) 2,6-Dinitrotoluene	9.67	165	239526	54.914	ng		90
52) Acenaphthene	9.93	154	925172	49.232	ng		99
53) 3-Nitroaniline	9.84	138	199061	37.919	ng		98
54) 2,4-Dinitrophenol	9.94	184	42064	31.259	ng		90
55) Dibenzofuran	10.10	168	1353259	49.958	ng		98
56) 4-Nitrophenol	10.00	139	333298	83.240	ng		99
57) 2,4-Dinitrotoluene	10.07	165	315457	57.757	ng		93
58) Fluorene	10.44	166	976537	48.434	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	277997	54.670	ng		93
60) Diethylphthalate	10.32	149	1147086	50.488	ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	468315	46.204	ng		99
62) 4-Nitroaniline	10.46	138	257646	55.598	ng		96
63) Azobenzene	10.59	77	1149439	49.456	ng		99
65) 4,6-Dinitro-2-methylphenol	10.48	198	52752	26.477	ng		85
66) n-Nitrosodiphenylamine	10.55	169	944070	51.187	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	314624	49.290	ng		98
68) Hexachlorobenzene	10.99	284	346498	51.731	ng	#	91
69) Atrazine	11.08	200	272325	57.314	ng		99
70) Pentachlorophenol	11.17	266	347749	91.764	ng		98
71) Phenanthrene	11.40	178	1496074	50.109	ng		99
72) Anthracene	11.45	178	1551717	51.432	ng		99
73) Carbazole	11.60	167	1438424	49.613	ng		100
74) Di-n-butylphthalate	11.94	149	1772240	49.373	ng		99
75) Fluoranthene	12.59	202	1634904	51.403	ng		99
77) Benzidine	12.71	184	803780	72.158	ng		99
78) Pyrene	12.82	202	1634352	51.854	ng		100
80) Butylbenzylphthalate	13.44	149	762385	56.026	ng		98
81) Benzo(a)anthracene	14.00	228	1213881	47.985	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	355484	41.641	ng	#	98
83) Chrysene	14.04	228	1344439	52.102	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	903348	50.624	ng	#	97
85) Di-n-octyl phthalate	14.61	149	1760222	55.759	ng		98
87) Indeno(1,2,3-cd)pyrene	16.93	276	1186061	58.434	ng		100
88) Benzo(b)fluoranthene	15.05	252	1164109	55.956	ng		99
89) Benzo(k)fluoranthene	15.08	252	1156467	57.128	ng		98
90) Benzo(a)pyrene	15.42	252	1006247	54.221	ng		98
91) Dibenzo(a,h)anthracene	16.95	278	1013833	59.929	ng		99
92) Benzo(g,h,i)perylene	17.37	276	928482	60.052	ng		99

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

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