Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119805.D
Acq On : 7 Apr 2020 7:10
Operator : MA/SJ
Sample : L2132-03MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-1MSD

Manual Integrations APPROVED
mohammad
4/8/2020 8:12:36 AM

Quant Time: Apr 07 08:13:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 06 11:15:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	191922	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	728401	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	360369	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	661871	20.00	ng		0.00
76) Chrysene-d12	13.96	240	477233	20.00	ng		0.00
87) Perylene-d12	15.40	264	476394	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1585405	131.50	ng		0.03
7) Phenol-d6	6.42	99	1854631	120.42	ng		0.00
23) Nitrobenzene-d5	7.35	82	1354955	101.10	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	592713	159.43	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2526682	103.87	ng		0.00
79) Terphenyl-d14	12.91	244	2338096	95.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	224784	37.751	ng	#	85
3) Pyridine	3.40	79	544909	33.218	ng		92
4) n-Nitrosodimethylamine	3.32	42	338668	42.336	ng		93
6) Aniline	6.45	93	403695	18.993	ng		97
8) 2-Chlorophenol	6.57	128	683939	54.014	ng		98
9) Benzaldehyde	6.33	77	255854	26.188	ng		98
10) Phenol	6.43	94	723038	43.999	ng		99
11) bis(2-Chloroethyl)ether	6.52	93	712431	54.206	ng		98
12) 1,3-Dichlorobenzene	6.72	146	669240	48.833	ng		96
13) 1,4-Dichlorobenzene	6.80	146	676896	49.380	ng		99
14) 1,2-Dichlorobenzene	6.95	146	636693	49.692	ng		99
15) Benzyl Alcohol	6.93	79	564603	48.736	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1130410	42.640	ng		97
17) 2-Methylphenol	7.05	107	536556	46.248	ng		97
18) Hexachloroethane	7.30	117	250966	49.958	ng		94
19) n-Nitroso-di-n-propylamine	7.20	70	468310	50.449	ng		98
20) 3+4-Methylphenols	7.20	107	650621	45.760	ng	#	83
22) Acetophenone	7.19	105	907259	52.127	ng	#	90
24) Nitrobenzene	7.37	77	706891	49.353	ng		97
25) Isophorone	7.61	82	1308242	48.119	ng		99
26) 2-Nitrophenol	7.69	139	373238	66.182	ng		90
27) 2,4-Dimethylphenol	7.73	122	579883	49.727	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	840280	52.266	ng		100
29) 2,4-Dichlorophenol	7.93	162	564666	52.700	ng		99
30) 1,2,4-Trichlorobenzene	8.01	180	609784	51.460	ng		100
31) Naphthalene	8.09	128	1951888	52.072	ng		98
32) Benzoic acid	7.87	122	431522m	57.527	ng		
33) 4-Chloroaniline	8.14	127	231208	13.461	ng		98
34) Hexachlorobutadiene	8.21	225	340499	51.358	ng		100
35) Caprolactam	8.62	113	155805m	44.431	ng		
36) 4-Chloro-3-methylphenol	8.63	107	586946	50.120	ng		99
37) 2-Methylnaphthalene	8.79	142	1305084	53.051	ng		98
38) 1-Methylnaphthalene	8.89	142	1233122	52.958	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	561352	53.145	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 06 11:15:16 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	585094	97.434	ng		99
43) 2,4,6-Trichlorophenol	9.06	196	429433	56.812	ng		98
44) 2,4,5-Trichlorophenol	9.10	196	407417	48.114	ng		97
46) 1,1'-Biphenyl	9.25	154	1536937	52.365	ng		99
47) 2-Chloronaphthalene	9.27	162	1194753	51.968	ng		99
48) 2-Nitroaniline	9.37	65	425096	53.569	ng		93
49) Acenaphthylene	9.69	152	1840392	50.976	ng		99
50) Dimethylphthalate	9.56	163	1224883	47.852	ng		99
51) 2,6-Dinitrotoluene	9.62	165	309778	56.461	ng		92
52) Acenaphthene	9.86	154	1137856	50.555	ng		99
53) 3-Nitroaniline	9.78	138	149035	21.516	ng		99
54) 2,4-Dinitrophenol	9.89	184	252926	104.124	ng		99
55) Dibenzofuran	10.04	168	1653809	51.250	ng		100
56) 4-Nitrophenol	9.96	139	460222	84.224	ng		96
57) 2,4-Dinitrotoluene	10.02	165	405329	58.644	ng		98
58) Fluorene	10.38	166	1277065	53.516	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	348919	55.126	ng		97
60) Diethylphthalate	10.26	149	1384613	53.296	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	599835	51.402	ng		99
62) 4-Nitroaniline	10.40	138	285219	42.940	ng		97
63) Azobenzene	10.53	77	1288033	49.233	ng		99
65) 4,6-Dinitro-2-methylphenol	10.43	198	185815	66.951	ng		82
66) n-Nitrosodiphenylamine	10.49	169	1160628	53.416	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	388779	51.577	ng		99
68) Hexachlorobenzene	10.93	284	428619	55.558	ng		98
69) Atrazine	11.03	200	320870	53.866	ng		99
70) Pentachlorophenol	11.13	266	482598	106.684	ng		98
71) Phenanthrene	11.35	178	1794712	52.294	ng		99
72) Anthracene	11.40	178	1832298	52.531	ng		99
73) Carbazole	11.55	167	1687693	48.883	ng		99
74) Di-n-butylphthalate	11.89	149	2050269	55.514	ng		100
75) Fluoranthene	12.53	202	1913274	51.512	ng		98
77) Benzidine	12.69	184	934	0.046	ng	#	1
78) Pyrene	12.76	202	1910090	48.769	ng		98
80) Butylbenzylphthalate	13.39	149	858536	54.197	ng		100
81) Benzo(a)anthracene	13.95	228	1563431	50.378	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	115100	9.406	ng		99
83) Chrysene	13.99	228	1613812	50.387	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1123063	59.473	ng		98
85) Di-n-octyl phthalate	14.56	149	2045297	61.585	ng		99
86) Indeno(1,2,3-cd)pyrene	16.84	276	1697800	56.285	ng		99
88) Benzo(b)fluoranthene	14.99	252	1727267	54.277	ng		99
89) Benzo(k)fluoranthene	15.02	252	1539715	50.812	ng		99
90) Benzo(a)pyrene	15.34	252	1466415	50.705	ng		99
91) Dibenzo(a,h)anthracene	16.86	278	1392476	55.048	ng		99
92) Benzo(g,h,i)perylene	17.27	276	1410467	55.502	ng		100

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

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