Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119337.D
Acq On : 11 Mar 2020 6:29
Operator : CG/JU
Sample : L1826-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MC5B39MSD

Quant Time: Mar 11 09:16:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	118037	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	437625	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	216915	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	326055	20.00	ng		0.00
76) Chrysene-d12	13.89	240	245550	20.00	ng		0.00
87) Perylene-d12	15.32	264	210493	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	881143	124.75	ng		0.03
7) Phenol-d6	6.39	99	963443	112.16	ng		0.01
23) Nitrobenzene-d5	7.30	82	744443	89.82	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	302719	106.68	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1376281	93.47	ng		0.00
79) Terphenyl-d14	12.83	244	1244680	87.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	116755	37.127	ng	#	87
3) Pyridine	3.34	79	158832m	18.494	ng		
4) n-Nitrosodimethylamine	3.22	42	122314	47.014	ng		98
6) Aniline	6.40	93	88141	8.316	ng	#	1
8) 2-Chlorophenol	6.53	128	372193	48.829	ng		98
9) Benzaldehyde	6.28	77	236617	41.229	ng		99
10) Phenol	6.40	94	365208	39.323	ng		82
11) bis(2-Chloroethyl)ether	6.46	93	349168	49.136	ng		98
12) 1,3-Dichlorobenzene	6.67	146	406171	44.458	ng		98
13) 1,4-Dichlorobenzene	6.75	146	413160	45.192	ng		98
14) 1,2-Dichlorobenzene	6.90	146	374782	44.950	ng		99
15) Benzyl Alcohol	6.89	79	308624	49.711	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	277873	45.141	ng	#	41
17) 2-Methylphenol	7.01	107	285784	46.244	ng		93
18) Hexachloroethane	7.23	117	131297	40.142	ng		94
19) n-Nitroso-di-n-propylamine	7.15	70	260952	52.134	ng		96
20) 3+4-Methylphenols	7.17	107	386353	51.029	ng	#	84
22) Acetophenone	7.15	105	510478	50.415	ng	#	94
24) Nitrobenzene	7.32	77	386606	47.168	ng		97
25) Isophorone	7.56	82	694955	48.280	ng		99
26) 2-Nitrophenol	7.63	139	184466	42.476	ng		97
27) 2,4-Dimethylphenol	7.68	122	304830	51.719	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	423271	45.177	ng		98
29) 2,4-Dichlorophenol	7.89	162	313450	45.175	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	349429	42.475	ng		99
31) Naphthalene	8.03	128	1051062	46.310	ng		99
32) Benzoic acid	7.85	122	102845m	27.266	ng		
33) 4-Chloroaniline	8.10	127	71075	7.281	ng		99
34) Hexachlorobutadiene	8.15	225	218910	42.719	ng		99
35) Caprolactam	8.47	113	69973	32.751	ng		99
36) 4-Chloro-3-methylphenol	8.59	107	316073	45.011	ng		99
37) 2-Methylnaphthalene	8.72	142	696326	45.590	ng		98
38) 1-Methylnaphthalene	8.82	142	647468	45.075	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	344181	47.061	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	9467	12.533 ng		98
43) 2,4,6-Trichlorophenol	9.02	196	208504	45.146 ng		99
44) 2,4,5-Trichlorophenol	9.07	196	202253	41.733 ng		100
46) 1,1'-Biphenyl	9.19	154	823123	46.952 ng		98
47) 2-Chloronaphthalene	9.21	162	639969	45.300 ng		99
48) 2-Nitroaniline	9.32	65	186247	47.266 ng		93
49) Acenaphthylene	9.62	152	926020	45.384 ng		99
50) Dimethylphthalate	9.49	163	894274	53.914 ng		99
51) 2,6-Dinitrotoluene	9.56	165	158194	42.927 ng	#	80
52) Acenaphthene	9.80	154	554157	45.041 ng		99
53) 3-Nitroaniline	9.73	138	74319	18.191 ng		99
54) 2,4-Dinitrophenol	9.87	184	17014m	16.087 ng		
55) Dibenzofuran	9.97	168	805786	43.878 ng		99
56) 4-Nitrophenol	9.93	139	67544	27.517 ng		91
57) 2,4-Dinitrotoluene	9.97	165	181833	38.067 ng	#	84
58) Fluorene	10.31	166	629169	44.091 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	166259	40.657 ng		98
60) Diethylphthalate	10.19	149	761174	48.695 ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	344508	45.610 ng		98
62) 4-Nitroaniline	10.35	138	132102	31.604 ng		93
63) Azobenzene	10.46	77	618362	45.512 ng		95
65) 4,6-Dinitro-2-methylphenol	10.39	198	17352	8.795 ng		94
66) n-Nitrosodiphenylamine	10.42	169	564606	52.884 ng		100
67) 4-Bromophenyl-phenylether	10.79	248	211033	49.516 ng		96
68) Hexachlorobenzene	10.87	284	226146	46.023 ng		94
69) Atrazine	10.95	200	182315	48.876 ng		98
70) Pentachlorophenol	11.07	266	151630	76.604 ng		99
71) Phenanthrene	11.27	178	821086	46.177 ng		99
72) Anthracene	11.32	178	852063	47.959 ng		98
73) Carbazole	11.48	167	722058	45.619 ng		98
74) Di-n-butylphthalate	11.80	149	1068011	55.719 ng		98
75) Fluoranthene	12.46	202	854594	45.278 ng		97
77) Benzidine	12.58	184	166474	16.670 ng		97
78) Pyrene	12.69	202	855235	43.375 ng		98
80) Butylbenzylphthalate	13.30	149	390984	47.115 ng		97
81) Benzo(a)anthracene	13.88	228	813297	48.610 ng		98
82) 3,3'-Dichlorobenzidine	13.83	252	249787	38.448 ng	#	99
83) Chrysene	13.92	228	764101	45.834 ng		97
84) Bis(2-ethylhexyl)phthalate	13.86	149	568037	54.182 ng		98
85) Di-n-octyl phthalate	14.46	149	949082	56.817 ng		99
86) Indeno(1,2,3-cd)pyrene	16.73	276	576636	35.723 ng		100
88) Benzo(b)fluoranthene	14.91	252	728860	52.532 ng		99
89) Benzo(k)fluoranthene	14.94	252	605289	47.076 ng		99
90) Benzo(a)pyrene	15.26	252	562591	44.928 ng		99
91) Dibenzo(a,h)anthracene	16.73	278	492381	44.689 ng		99
92) Benzo(g,h,i)perylene	17.16	276	468825	43.065 ng		98

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

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