Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100120\
Data File : BF121782.D
Acq On : 1 Oct 2020 22:51
Operator : JU/CG
Sample : L4179-10MSD 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-11(1-2)MSD

Quant Time: Oct 02 00:41:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	140545	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	500890	20.00	ng		0.00
39) Acenaphthene-d10	9.81	164	216638	20.00	ng		0.00
64) Phenanthrene-d10	11.30	188	351461	20.00	ng		0.00
76) Chrysene-d12	13.94	240	317141	20.00	ng		0.00
86) Perylene-d12	15.39	264	246199	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	347659	36.76	ng		0.00
7) Phenol-d6	6.42	99	426035	34.34	ng		0.00
23) Nitrobenzene-d5	7.34	82	272781	29.24	ng		0.00
42) 2,4,6-Tribromophenol	10.60	330	82886	30.78	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	466229	32.59	ng		0.00
79) Terphenyl-d14	12.88	244	394325	25.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	47493	10.931	ng		98
3) Pyridine	3.23	79	128674	10.713	ng		100
4) n-Nitrosodimethylamine	3.16	42	70512	12.656	ng		94
6) Aniline	6.43	93	156952	9.713	ng	#	76
8) 2-Chlorophenol	6.56	128	133799	13.896	ng		94
9) Benzaldehyde	6.32	77	40035	4.936	ng		99
10) Phenol	6.43	94	174750	13.226	ng		95
11) bis(2-Chloroethyl)ether	6.51	93	136912	13.749	ng		95
12) 1,3-Dichlorobenzene	6.72	146	146210	13.605	ng		97
13) 1,4-Dichlorobenzene	6.79	146	146318	13.559	ng		98
14) 1,2-Dichlorobenzene	6.95	146	139969	14.080	ng		99
15) Benzyl Alcohol	6.92	79	110093	13.055	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	209617	13.081	ng		90
17) 2-Methylphenol	7.04	107	105383	12.863	ng		96
18) Hexachloroethane	7.29	117	34323	8.883	ng		95
19) n-Nitroso-di-n-propylamine	7.19	70	98191	13.732	ng		97
20) 3+4-Methylphenols	7.19	107	138317	14.052	ng	#	65
22) Acetophenone	7.18	105	190144	14.962	ng	#	89
24) Nitrobenzene	7.36	77	137794	13.657	ng		97
25) Isophorone	7.59	82	247554	13.182	ng		98
26) 2-Nitrophenol	7.67	139	49658	12.456	ng		98
27) 2,4-Dimethylphenol	7.72	122	112204	13.385	ng		98
28) bis(2-Chloroethoxy)methane	7.80	93	159451	13.715	ng		99
29) 2,4-Dichlorophenol	7.93	162	100303	13.137	ng		94
30) 1,2,4-Trichlorobenzene	8.00	180	107487	13.367	ng		100
31) Naphthalene	8.08	128	360686	13.641	ng		99
32) Benzoic acid	7.82	122	42593	12.762	ng		95
33) 4-Chloroaniline	8.13	127	121035	10.560	ng		97
34) Hexachlorobutadiene	8.20	225	65068	13.786	ng		96
35) Caprolactam	8.48	113	31693	12.465	ng		96
36) 4-Chloro-3-methylphenol	8.62	107	98460	11.971	ng		98
37) 2-Methylnaphthalene	8.77	142	230581	13.307	ng		99
38) 1-Methylnaphthalene	8.87	142	209430	12.986	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	100387	14.835	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.05	196	63125	13.686 ng		98
44) 2,4,5-Trichlorophenol	9.10	196	64316	13.190 ng		99
46) 1,1'-Biphenyl	9.23	154	265029	15.281 ng		97
47) 2-Chloronaphthalene	9.26	162	195768	14.324 ng		100
48) 2-Nitroaniline	9.36	65	67259	15.837 ng		98
49) Acenaphthylene	9.67	152	290918	13.854 ng		100
50) Dimethylphthalate	9.53	163	289723	18.452 ng		100
51) 2,6-Dinitrotoluene	9.60	165	40640	12.153 ng		86
52) Acenaphthene	9.85	154	170905	12.886 ng		99
53) 3-Nitroaniline	9.76	138	53646	13.849 ng		98
54) 2,4-Dinitrophenol	9.89	184	844	9.436 ng	#	61
55) Dibenzofuran	10.02	168	251911	13.487 ng		99
56) 4-Nitrophenol	9.94	139	60096	19.453 ng		90
57) 2,4-Dinitrotoluene	10.00	165	47565	11.307 ng		91
58) Fluorene	10.36	166	197795	13.848 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.14	232	47970	12.101 ng		98
60) Diethylphthalate	10.23	149	219595	14.344 ng		98
61) 4-Chlorophenyl-phenylether	10.35	204	96806	14.148 ng		96
62) 4-Nitroaniline	10.37	138	53492	13.908 ng		99
63) Azobenzene	10.51	77	199128	12.215 ng		99
65) 4,6-Dinitro-2-methylphenol	10.42	198	1316	7.375 ng	#	40
66) n-Nitrosodiphenylamine	10.47	169	180169	14.942 ng		99
67) 4-Bromophenyl-phenylether	10.84	248	56809	14.197 ng		97
68) Hexachlorobenzene	10.91	284	60806	13.465 ng		95
69) Atrazine	10.99	200	37191	12.415 ng		98
70) Pentachlorophenol	11.11	266	46524	18.759 ng		97
71) Phenanthrene	11.32	178	269774	14.088 ng		98
72) Anthracene	11.37	178	269484	13.637 ng		98
73) Carbazole	11.53	167	238401	13.369 ng		98
74) Di-n-butylphthalate	11.86	149	320409	15.568 ng		99
75) Fluoranthene	12.51	202	291133	14.242 ng		98
77) Benzidine	12.63	184	137696	13.097 ng		100
78) Pyrene	12.74	202	300420	12.965 ng		98
80) Butylbenzylphthalate	13.36	149	123555	13.185 ng		94
81) Benzo(a)anthracene	13.93	228	284662	14.188 ng		99
82) 3,3'-Dichlorobenzidine	13.89	252	97823	12.489 ng		97
83) Chrysene	13.96	228	279932	13.778 ng		99
84) Bis(2-ethylhexyl)phthalate	13.92	149	183333	14.644 ng		99
85) Di-n-octyl phthalate	14.53	149	314066	14.215 ng	#	88
87) Indeno(1,2,3-cd)pyrene	16.82	276	199552	12.446 ng		98
88) Benzo(b)fluoranthene	14.97	252	239743	14.566 ng	#	94
89) Benzo(k)fluoranthene	15.00	252	235573	15.630 ng	#	89
90) Benzo(a)pyrene	15.33	252	197686	14.130 ng	#	94
91) Dibenzo(a,h)anthracene	16.83	278	170446	12.771 ng		98
92) Benzo(g,h,i)perylene	17.24	276	162022	12.350 ng		99

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

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