Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
Data File : BF119147.D
Acq On : 28 Feb 2020 23:18
Operator : CG/JU
Sample : L1363-10MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-022620MSD

Quant Time: Mar 02 03:32:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	137646	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	531581	20.00	ng		-0.02
39) Acenaphthene-d10	9.77	164	301440	20.00	ng		-0.02
64) Phenanthrene-d10	11.25	188	557548	20.00	ng		-0.01
76) Chrysene-d12	13.89	240	336770	20.00	ng		-0.02
87) Perylene-d12	15.30	264	370349	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1048313	127.28	ng		0.00
7) Phenol-d6	6.39	99	1201712	119.97	ng		-0.02
23) Nitrobenzene-d5	7.30	82	924430	91.82	ng		-0.02
42) 2,4,6-Tribromophenol	10.56	330	521232	132.18	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	1787134	87.34	ng		-0.02
79) Terphenyl-d14	12.83	244	2112027	107.97	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	143177	39.043	ng	#	86
3) Pyridine	3.30	79	296658	29.621	ng		96
4) n-Nitrosodimethylamine	3.20	42	153041	50.444	ng		96
6) Aniline	6.40	93	129002	10.437	ng	#	1
8) 2-Chlorophenol	6.53	128	462442	52.026	ng		99
9) Benzaldehyde	6.29	77	172568	25.785	ng		98
10) Phenol	6.40	94	463704	42.816	ng		79
11) bis(2-Chloroethyl)ether	6.47	93	407538	49.180	ng		99
12) 1,3-Dichlorobenzene	6.67	146	459729	43.152	ng		97
13) 1,4-Dichlorobenzene	6.75	146	470830	44.164	ng		99
14) 1,2-Dichlorobenzene	6.90	146	439758	45.229	ng		98
15) Benzyl Alcohol	6.89	79	392090	54.158	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	315185	43.908	ng	#	40
17) 2-Methylphenol	7.00	107	360379	50.007	ng		99
18) Hexachloroethane	7.25	117	161385	42.312	ng		95
19) n-Nitroso-di-n-propylamine	7.16	70	302133	51.762	ng		96
20) 3+4-Methylphenols	7.16	107	464721	52.636	ng		94
22) Acetophenone	7.15	105	628956	51.137	ng		96
24) Nitrobenzene	7.32	77	477760	47.987	ng		100
25) Isophorone	7.56	82	843749	48.256	ng		100
26) 2-Nitrophenol	7.63	139	259475	49.188	ng		97
27) 2,4-Dimethylphenol	7.68	122	386547	53.992	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	508018	44.638	ng		99
29) 2,4-Dichlorophenol	7.89	162	405122	48.067	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	426980	42.728	ng		98
31) Naphthalene	8.04	128	1290080	46.795	ng		99
32) Benzoic acid	7.84	122	255803	48.833	ng		99
33) 4-Chloroaniline	8.10	127	78491	6.620	ng		96
34) Hexachlorobutadiene	8.16	225	247730	39.799	ng		99
35) Caprolactam	8.47	113	113607m	43.776	ng		
36) 4-Chloro-3-methylphenol	8.59	107	436216	51.140	ng		99
37) 2-Methylnaphthalene	8.73	142	913811	49.254	ng		99
38) 1-Methylnaphthalene	8.83	142	850778	48.760	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	446923	43.974	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	182144	52.848 ng		99
43) 2,4,6-Trichlorophenol	9.02	196	294462	45.880 ng		99
44) 2,4,5-Trichlorophenol	9.06	196	316508	46.996 ng		97
46) 1,1'-Biphenyl	9.19	154	1095743	44.977 ng		99
47) 2-Chloronaphthalene	9.22	162	883678	45.011 ng		97
48) 2-Nitroaniline	9.32	65	259389	47.370 ng		99
49) Acenaphthylene	9.63	152	1357225	47.865 ng		100
50) Dimethylphthalate	9.50	163	1068970	46.375 ng		100
51) 2,6-Dinitrotoluene	9.56	165	244059	47.657 ng		89
52) Acenaphthene	9.80	154	800202	46.802 ng		100
53) 3-Nitroaniline	9.73	138	93287	16.431 ng		92
54) 2,4-Dinitrophenol	9.85	184	216945	86.492 ng		95
55) Dibenzofuran	9.97	168	1192063	46.711 ng		99
56) 4-Nitrophenol	9.92	139	287538	84.295 ng		91
57) 2,4-Dinitrotoluene	9.97	165	315601	47.545 ng		99
58) Fluorene	10.32	166	968963	48.862 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	286268	50.374 ng		96
60) Diethylphthalate	10.20	149	1005266	46.278 ng		100
61) 4-Chlorophenyl-phenylether	10.31	204	483152	46.029 ng		96
62) 4-Nitroaniline	10.35	138	225469	38.816 ng		97
63) Azobenzene	10.47	77	915623	48.494 ng		97
65) 4,6-Dinitro-2-methylphenol	10.39	198	170143	50.431 ng		95
66) n-Nitrosodiphenylamine	10.43	169	864720	47.366 ng		99
67) 4-Bromophenyl-phenylether	10.80	248	327998	45.006 ng		94
68) Hexachlorobenzene	10.87	284	375899	44.736 ng		95
69) Atrazine	10.96	200	309192	48.474 ng		97
70) Pentachlorophenol	11.07	266	341343	100.848 ng		99
71) Phenanthrene	11.28	178	1445559	47.542 ng		99
72) Anthracene	11.33	178	1485869	48.908 ng		99
73) Carbazole	11.49	167	1325902	48.989 ng		99
74) Di-n-butylphthalate	11.82	149	1514231	46.199 ng		98
75) Fluoranthene	12.46	202	1470828	45.572 ng		98
77) Benzidine	12.58	184	84727	6.186 ng		98
78) Pyrene	12.69	202	1426774	52.761 ng		99
80) Butylbenzylphthalate	13.30	149	596817	52.438 ng		98
81) Benzo(a)anthracene	13.88	228	1134485	49.441 ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	212116	23.806 ng	#	99
83) Chrysene	13.92	228	1087921	47.582 ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	770681	53.599 ng		98
85) Di-n-octyl phthalate	14.47	149	1188169	51.864 ng		99
86) Indeno(1,2,3-cd)pyrene	16.72	276	1223674	55.273 ng		99
88) Benzo(b)fluoranthene	14.90	252	1078191	44.168 ng		99
89) Benzo(k)fluoranthene	14.93	252	1109473	49.043 ng		99
90) Benzo(a)pyrene	15.25	252	1013903	46.020 ng		100
91) Dibenzo(a,h)anthracene	16.72	278	1026756	52.965 ng		99
92) Benzo(g,h,i)perylene	17.13	276	995975	51.999 ng		98

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

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