Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119866.D
Acq On : 9 Apr 2020 10:48
Operator : MA/SJ
Sample : L2153-04MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11991MS

Quant Time: Apr 09 11:25:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 01:21:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	164325	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	608401	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	250842	20.00	ng		0.02
64) Phenanthrene-d10	11.34	188	301973	20.00	ng		0.04
76) Chrysene-d12	13.96	240	258413	20.00	ng		0.02
87) Perylene-d12	15.39	264	318095	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1517563	159.60	ng		0.02
7) Phenol-d6	6.42	99	2013352	164.33	ng		0.01
23) Nitrobenzene-d5	7.34	82	1288130	109.53	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	396238	129.02	ng		0.03
45) 2-Fluorobiphenyl	9.14	172	2132897	120.72	ng		0.00
79) Terphenyl-d14	12.92	244	1401084	91.23	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	187867	44.359	ng		99
3) Pyridine	3.22	79	522786	44.991	ng		94
4) n-Nitrosodimethylamine	3.17	42	334458	56.336	ng		96
6) Aniline	6.43	93	471393	29.313	ng	#	69
8) 2-Chlorophenol	6.56	128	617194	58.094	ng		98
9) Benzaldehyde	6.32	77	307933	55.134	ng		99
10) Phenol	6.43	94	784846	56.464	ng		99
11) bis(2-Chloroethyl)ether	6.51	93	621338	57.893	ng		99
12) 1,3-Dichlorobenzene	6.71	146	617592	53.098	ng		98
13) 1,4-Dichlorobenzene	6.79	146	626471	52.874	ng		100
14) 1,2-Dichlorobenzene	6.95	146	581726	53.275	ng		97
15) Benzyl Alcohol	6.92	79	522247	54.879	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1096773	52.516	ng		99
17) 2-Methylphenol	7.03	107	483534	50.999	ng		96
18) Hexachloroethane	7.29	117	239423	54.070	ng	#	90
19) n-Nitroso-di-n-propylamine	7.20	70	436327	55.380	ng		97
20) 3+4-Methylphenols	7.19	107	608575	52.483	ng		98
22) Acetophenone	7.19	105	820264	57.575	ng	#	94
24) Nitrobenzene	7.36	77	669344	56.578	ng		99
25) Isophorone	7.60	82	1177724	51.950	ng		100
26) 2-Nitrophenol	7.67	139	327055	55.335	ng		93
27) 2,4-Dimethylphenol	7.72	122	406723	45.627	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	742657	55.671	ng		99
29) 2,4-Dichlorophenol	7.92	162	492498	53.901	ng		97
30) 1,2,4-Trichlorobenzene	8.00	180	543563	52.502	ng		99
31) Naphthalene	8.08	128	1676004	52.359	ng		100
32) Benzoic acid	7.86	122	429596	54.874	ng		98
33) 4-Chloroaniline	8.13	127	244194	17.524	ng		98
34) Hexachlorobutadiene	8.20	225	319954	51.626	ng		99
35) Caprolactam	8.51	113	154348	55.223	ng	#	61
36) 4-Chloro-3-methylphenol	8.62	107	533117	53.891	ng		97
37) 2-Methylnaphthalene	8.77	142	1113269	51.299	ng		100
38) 1-Methylnaphthalene	8.87	142	1061741	51.907	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	478841	60.439	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	588841	130.705 ng		97
43) 2,4,6-Trichlorophenol	9.05	196	345671	63.183 ng		97
44) 2,4,5-Trichlorophenol	9.10	196	354985	57.609 ng	#	92
46) 1,1'-Biphenyl	9.24	154	1251392	59.105 ng		98
47) 2-Chloronaphthalene	9.26	162	987280	60.532 ng		96
48) 2-Nitroaniline	9.36	65	387409	65.545 ng		93
49) Acenaphthylene	9.69	152	1415728	57.075 ng	#	94
50) Dimethylphthalate	9.55	163	1341880	69.161 ng	#	98
51) 2,6-Dinitrotoluene	9.61	165	255573	60.152 ng		86
52) Acenaphthene	9.86	154	877245	53.017 ng		99
53) 3-Nitroaniline	9.77	138	161755	33.334 ng	#	92
54) 2,4-Dinitrophenol	9.89	184	182331	71.678 ng	#	51
55) Dibenzofuran	10.04	168	1113147	49.025 ng		97
56) 4-Nitrophenol	9.95	139	361803	100.208 ng	#	70
57) 2,4-Dinitrotoluene	10.02	165	269590	48.160 ng	#	98
58) Fluorene	10.39	166	801148	44.119 ng	#	92
59) 2,3,4,6-Tetrachlorophenol	10.16	232	206320	43.779 ng	#	94
60) Diethylphthalate	10.26	149	924356	45.967 ng	#	93
61) 4-Chlorophenyl-phenylether	10.38	204	377436	40.554 ng	#	85
62) 4-Nitroaniline	10.39	138	140830	30.453 ng		86
63) Azobenzene	10.55	77	798871	44.329 ng		90
65) 4,6-Dinitro-2-methylphenol	10.43	198	100445	50.489 ng	#	1
66) n-Nitrosodiphenylamine	10.49	169	695814	69.285 ng		96
67) 4-Bromophenyl-phenylether	10.87	248	247576	65.926 ng	#	86
68) Hexachlorobenzene	10.95	284	229864	60.337 ng	#	85
69) Atrazine	11.03	200	203327	72.767 ng		80
70) Pentachlorophenol	11.14	266	227013	103.403 ng		99
71) Phenanthrene	11.36	178	892834	55.554 ng	#	89
72) Anthracene	11.42	178	893553	54.426 ng	#	96
73) Carbazole	11.56	167	840760	54.152 ng	#	92
74) Di-n-butylphthalate	11.89	149	1124882	55.114 ng	#	96
75) Fluoranthene	12.55	202	941884	54.316 ng		97
77) Benzidine	12.66	184	106460	12.188 ng	#	37
78) Pyrene	12.78	202	948540	43.542 ng		98
80) Butylbenzylphthalate	13.39	149	479860	45.395 ng		97
81) Benzo(a)anthracene	13.96	228	909773	53.516 ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	192001	30.269 ng		99
83) Chrysene	13.99	228	896227	51.884 ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	727012	50.787 ng		99
85) Di-n-octyl phthalate	14.54	149	1344930	55.180 ng		96
86) Indeno(1,2,3-cd)pyrene	16.80	276	1258788	82.671 ng		99
88) Benzo(b)fluoranthene	14.98	252	1053472	46.037 ng		98
89) Benzo(k)fluoranthene	15.01	252	996447	50.469 ng		98
90) Benzo(a)pyrene	15.33	252	1013726	52.689 ng		99
91) Dibenzo(a,h)anthracene	16.83	278	1039536	60.996 ng		97
92) Benzo(g,h,i)perylene	17.24	276	1038569	61.736 ng		98

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

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