Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112553.D
Acq On : 13 Feb 2019 21:59
Operator : JU/SJ
Sample : K1457-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10(0-5)

Quant Time: Feb 14 04:17:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	2438	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1086	20.00	ng	-0.02
39) Acenaphthene-d10	9.69	164	1097	20.00	ng	-0.19
64) Phenanthrene-d10	11.15	188	241	20.00	ng	-0.22
76) Chrysene-d12	13.74	240	645	20.00	ng	-0.27
87) Perylene-d12	15.19	264	613	20.00	ng	-0.28
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	425116	3703.75	ng	0.00
7) Phenol-d6	6.49	99	503034	3153.97	ng	0.00
23) Nitrobenzene-d5	7.40	82	279590	14834.18	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	107250	8399.40	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	470249	6062.81	ng	-0.01
79) Terphenyl-d14	12.96	244	436502	12746.17	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	115	2.515	ng	# 1
6) Aniline	6.50	93	4953	26.106	ng	# 1
9) Benzaldehyde	6.36	77	5185	62.198	ng	# 1
10) Phenol	6.50	94	31804	181.757	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	690	5.009	ng	# 1
15) Benzyl Alcohol	6.99	79	8828	65.661	ng	# 47
17) 2-Methylphenol	7.10	107	547	4.469	ng	# 1
18) Hexachloroethane	7.37	117	1288	19.819	ng	# 1
19) n-Nitroso-di-n-propylamine	7.26	70	8994	81.781	ng	# 67
20) 3+4-Methylphenols	7.25	107	1187	7.584	ng	# 30
22) Acetophenone	7.23	105	6276	237.330	ng	# 35
24) Nitrobenzene	7.40	77	1755	93.235	ng	# 36
25) Isophorone	7.64	82	14944	505.411	ng	# 1
26) 2-Nitrophenol	7.73	139	1616	160.645	ng	# 1
27) 2,4-Dimethylphenol	7.77	122	5643	407.155	ng	# 26
28) bis(2-Chloroethoxy)methane	7.88	93	3363	167.038	ng	# 1
29) 2,4-Dichlorophenol	8.17	162	2940	189.556	ng	86
30) 1,2,4-Trichlorobenzene	8.05	180	139	7.797	ng	# 74
31) Naphthalene	8.15	128	9290	182.924	ng	# 77
32) Benzoic acid	8.03	122	1387	175.441	ng	82
33) 4-Chloroaniline	8.21	127	1077	48.703	ng	# 1
35) Caprolactam	8.54	113	872	159.372	ng	# 1
36) 4-Chloro-3-methylphenol	8.70	107	868	52.865	ng	# 17
37) 2-Methylnaphthalene	8.83	142	4790	137.774	ng	# 76
38) 1-Methylnaphthalene	8.93	142	3570	107.131	ng	# 93
43) 2,4,6-Trichlorophenol	8.97	196	148	6.666	ng	# 12
44) 2,4,5-Trichlorophenol	8.99	196	128	5.516	ng	# 1
46) 1,1'-Biphenyl	9.30	154	2135	22.262	ng	76
47) 2-Chloronaphthalene	9.12	162	623	8.377	ng	# 19
48) 2-Nitroaniline	9.24	65	499	24.617	ng	# 48
49) Acenaphthylene	9.56	152	613	5.624	ng	# 1
50) Dimethylphthalate	9.32	163	1783	20.920	ng	# 1
51) 2,6-Dinitrotoluene	9.49	165	429	22.474	ng	# 51
52) Acenaphthene	9.74	154	1118	17.169	ng	# 1

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) 3-Nitroaniline	9.64	138	535	25.870	ng	#	28
54) 2,4-Dinitrophenol	10.02	184	303	49.461	ng		99
56) 4-Nitrophenol	9.82	139	309	28.262	ng	#	1
57) 2,4-Dinitrotoluene	9.90	165	345	14.197	ng	#	38
58) Fluorene	10.24	166	594	7.977	ng	#	1
60) Diethylphthalate	10.13	149	524	6.195	ng	#	1
61) 4-Chlorophenyl-phenylether	10.22	204	1387	34.241	ng	#	62
62) 4-Nitroaniline	10.13	138	741	36.531	ng		95
63) Azobenzene	10.37	77	454	6.103	ng	#	20
65) 4,6-Dinitro-2-methylphenol	10.30	198	1845	1365.455	ng	#	66
66) n-Nitrosodiphenylamine	10.33	169	1011	124.471	ng	#	65
67) 4-Bromophenyl-phenylether	10.67	248	6395	2256.123	ng	#	1
69) Atrazine	10.84	200	119	45.405	ng	#	1
70) Pentachlorophenol	10.99	266	297	250.992	ng	#	18
71) Phenanthrene	11.13	178	1859	148.373	ng	#	23
72) Anthracene	11.26	178	2196	175.951	ng	#	1
73) Carbazole	11.39	167	839	68.149	ng	#	1
74) Di-n-butylphthalate	11.69	149	1316	86.119	ng	#	4
75) Fluoranthene	12.59	202	77705	5782.336	ng		97
77) Benzidine	12.44	184	1368	77.059	ng	#	1
78) Pyrene	12.59	202	78277	1752.884	ng		96
80) Butylbenzylphthalate	13.14	149	13846	640.857	ng	#	36
81) Benzo(a)anthracene	13.74	228	806	21.257	ng	#	1
82) 3,3'-Dichlorobenzidine	13.70	252	1438	101.339	ng	#	1
83) Chrysene	13.80	228	5468	151.078	ng	#	1
84) Bis(2-ethylhexyl)phthalate	13.72	149	4336	141.383	ng	#	36
85) Di-n-octyl phthalate	14.32	149	6321	133.963	ng	#	62
86) Indeno(1,2,3-cd)pyrene	16.59	276	962	33.544	ng	#	24
88) Benzo(b)fluoranthene	14.76	252	1423	38.816	ng	#	1
89) Benzo(k)fluoranthene	14.83	252	1394	39.698	ng	#	1
90) Benzo(a)pyrene	15.10	252	45120	1367.829	ng	#	1
91) Dibenzo(a,h)anthracene	16.63	278	654	24.600	ng	#	1
92) Benzo(g,h,i)perylene	17.10	276	419	16.705	ng	#	1

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

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