Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\
Data File : BF114928.D
Acq On : 10 Jun 2019 11:50
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Jun 10 12:37:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 12:30:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	290239	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1181252	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	580577	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	1144800	20.00	ng		0.00
76) Chrysene-d12	13.79	240	665085	20.00	ng		0.00
87) Perylene-d12	15.16	264	794513	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1659219	99.89	ng		0.00
7) Phenol-d6	6.31	99	1998486	98.88	ng		0.00
23) Nitrobenzene-d5	7.23	82	1874648	97.69	ng		0.00
42) 2,4,6-Tribromophenol	10.48	330	612147	97.84	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	3179187	102.58	ng		0.00
79) Terphenyl-d14	12.74	244	3241818	94.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	398421	50.239	ng		100
3) Pyridine	2.96	79	1152596	52.884	ng		99
4) n-Nitrosodimethylamine	2.91	42	401374	50.319	ng		96
6) Aniline	6.33	93	1339017	46.690	ng		92
8) 2-Chlorophenol	6.45	128	961270	50.088	ng		95
9) Benzaldehyde	6.20	77	585816	41.785	ng		98
10) Phenol	6.32	94	1100776	47.626	ng		99
11) bis(2-Chloroethyl)ether	6.40	93	903944	50.113	ng		100
12) 1,3-Dichlorobenzene	6.60	146	1102452	49.298	ng		100
13) 1,4-Dichlorobenzene	6.68	146	1110582	49.355	ng		100
14) 1,2-Dichlorobenzene	6.83	146	1021398	50.260	ng		99
15) Benzyl Alcohol	6.81	79	733096	47.964	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1246023	48.299	ng		100
17) 2-Methylphenol	6.93	107	798210	48.658	ng		99
18) Hexachloroethane	7.17	117	412468	48.700	ng		99
19) n-Nitroso-di-n-propylamine	7.09	70	620620	46.388	ng		98
20) 3+4-Methylphenols	7.09	107	891671	49.281	ng		97
22) Acetophenone	7.07	105	1257130	48.338	ng	#	98
24) Nitrobenzene	7.25	77	983870	49.492	ng		99
25) Isophorone	7.49	82	1793894	47.288	ng		100
26) 2-Nitrophenol	7.56	139	548400	50.934	ng		99
27) 2,4-Dimethylphenol	7.61	122	784906	47.963	ng		99
28) bis(2-Chloroethoxy)methane	7.70	93	1166626	48.108	ng		100
29) 2,4-Dichlorophenol	7.80	162	837606	48.650	ng		96
30) 1,2,4-Trichlorobenzene	7.89	180	961989	48.696	ng		100
31) Naphthalene	7.97	128	2635239	49.553	ng		100
32) Benzoic acid	7.75	122	588908	49.409	ng		99
33) 4-Chloroaniline	8.02	127	1238903	48.833	ng		99
34) Hexachlorobutadiene	8.09	225	537972	47.899	ng		99
35) Caprolactam	8.40	113	283523	50.411	ng		93
36) 4-Chloro-3-methylphenol	8.50	107	837001	48.855	ng		99
37) 2-Methylnaphthalene	8.66	142	1794053	48.637	ng		100
38) 1-Methylnaphthalene	8.75	142	1697766	48.534	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	827644	49.467	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	487631	48.055 ng	98
43) 2,4,6-Trichlorophenol	8.93	196	621342	47.758 ng	98
44) 2,4,5-Trichlorophenol	8.97	196	646494	49.342 ng	99
46) 1,1'-Biphenyl	9.12	154	2123544	49.351 ng	100
47) 2-Chloronaphthalene	9.14	162	1817942	49.721 ng	100
48) 2-Nitroaniline	9.24	65	552193	50.608 ng	99
49) Acenaphthylene	9.56	152	2647044	49.923 ng	100
50) Dimethylphthalate	9.43	163	2103798	49.614 ng	100
51) 2,6-Dinitrotoluene	9.48	165	488446	48.980 ng	99
52) Acenaphthene	9.73	154	1599099	46.039 ng	100
53) 3-Nitroaniline	9.65	138	599221	51.437 ng	99
54) 2,4-Dinitrophenol	9.75	184	251920	55.826 ng	99
55) Dibenzofuran	9.90	168	2286772	47.347 ng	99
56) 4-Nitrophenol	9.82	139	421334	49.358 ng	99
57) 2,4-Dinitrotoluene	9.88	165	640308	51.076 ng	99
58) Fluorene	10.24	166	1662084	47.979 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	524096	48.823 ng	100
60) Diethylphthalate	10.12	149	2065228	48.537 ng	100
61) 4-Chlorophenyl-phenylether	10.23	204	834560	45.115 ng	99
62) 4-Nitroaniline	10.26	138	605070	53.550 ng	97
63) Azobenzene	10.39	77	1810540	49.989 ng	99
65) 4,6-Dinitro-2-methylphenol	10.29	198	323805	54.451 ng	99
66) n-Nitrosodiphenylamine	10.35	169	1663016	48.041 ng	99
67) 4-Bromophenyl-phenylether	10.72	248	608628	46.810 ng	99
68) Hexachlorobenzene	10.79	284	664617	46.706 ng	99
69) Atrazine	10.88	200	556806	46.249 ng	99
70) Pentachlorophenol	10.97	266	392847	47.756 ng	99
71) Phenanthrene	11.19	178	2677401	48.990 ng	100
72) Anthracene	11.24	178	2715830	47.219 ng	100
73) Carbazole	11.40	167	2447792	49.646 ng	100
74) Di-n-butylphthalate	11.74	149	3032727	46.766 ng	100
75) Fluoranthene	12.37	202	2754884	48.432 ng	100
77) Benzidine	12.49	184	1392197	42.284 ng	98
78) Pyrene	12.60	202	2814213	48.776 ng	100
80) Butylbenzylphthalate	13.22	149	1403560	48.173 ng	98
81) Benzo(a)anthracene	13.77	228	2444076	47.688 ng	100
82) 3,3'-Dichlorobenzidine	13.74	252	995074	47.882 ng	99
83) Chrysene	13.82	228	2441835	48.976 ng	100
84) Bis(2-ethylhexyl)phthalate	13.79	149	1683632	45.699 ng	100
85) Di-n-octyl phthalate	14.39	149	3027320	48.359 ng	100
86) Indeno(1,2,3-cd)pyrene	16.47	276	2190432	38.505 ng	100
88) Benzo(b)fluoranthene	14.79	252	2495892	49.346 ng	100
89) Benzo(k)fluoranthene	14.82	252	2163684	50.373 ng	100
90) Benzo(a)pyrene	15.12	252	2166321	49.483 ng	99
91) Dibenzo(a,h)anthracene	16.49	278	1784000	43.030 ng	99
92) Benzo(g,h,i)perylene	16.87	276	1737966	41.686 ng	98

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

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