Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114913.D
Acq On : 8 Jun 2019 1:51
Operator : HP/JU
Sample : K3246-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-047MSD

Quant Time: Jun 10 08:28:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	346813	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1296227	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	603710	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	986596	20.00	ng		0.00
76) Chrysene-d12	13.79	240	539760	20.00	ng		0.00
87) Perylene-d12	15.16	264	629078	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2642514	133.14	ng		0.02
7) Phenol-d6	6.32	99	3246873	134.44	ng		0.02
23) Nitrobenzene-d5	7.23	82	2059624	97.81	ng		0.00
42) 2,4,6-Tribromophenol	10.48	330	765677	117.69	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	3202270	99.36	ng		0.00
79) Terphenyl-d14	12.74	244	2411910	86.90	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	397181	41.913	ng		100
3) Pyridine	3.06	79	1088312	41.789	ng		98
4) n-Nitrosodimethylamine	3.00	42	456639	47.909	ng		96
6) Aniline	6.33	93	791022	23.083	ng	#	1
8) 2-Chlorophenol	6.46	128	1101771	48.044	ng		98
9) Benzaldehyde	6.20	77	318133	18.990	ng		97
10) Phenol	6.33	94	1286695	46.589	ng		88
11) bis(2-Chloroethyl)ether	6.41	93	1018147	47.237	ng		99
12) 1,3-Dichlorobenzene	6.60	146	1195798	44.749	ng		98
13) 1,4-Dichlorobenzene	6.68	146	1206041	44.854	ng		99
14) 1,2-Dichlorobenzene	6.83	146	1111592	45.776	ng		99
15) Benzyl Alcohol	6.82	79	848355	46.451	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1356896	44.017	ng		98
17) 2-Methylphenol	6.93	107	927641	47.324	ng		98
18) Hexachloroethane	7.17	117	425102	42.004	ng		99
19) n-Nitroso-di-n-propylamine	7.09	70	715992	44.786	ng		99
20) 3+4-Methylphenols	7.09	107	1049992	48.565	ng		90
22) Acetophenone	7.08	105	1499075	52.529	ng	#	97
24) Nitrobenzene	7.25	77	1123782	51.516	ng		97
25) Isophorone	7.49	82	2065202	49.611	ng		99
26) 2-Nitrophenol	7.56	139	650621	55.068	ng		94
27) 2,4-Dimethylphenol	7.62	122	1011955	56.353	ng		99
28) bis(2-Chloroethoxy)methane	7.70	93	1297514	48.760	ng		100
29) 2,4-Dichlorophenol	7.81	162	956856	50.646	ng		99
30) 1,2,4-Trichlorobenzene	7.89	180	1049887	48.431	ng		99
31) Naphthalene	7.97	128	3001803	51.439	ng		99
32) Benzoic acid	7.72	122	292542	22.367	ng		99
33) 4-Chloroaniline	8.01	127	415166	14.913	ng		99
34) Hexachlorobutadiene	8.09	225	553392	44.901	ng		99
35) Caprolactam	8.40	113	304293m	49.305	ng		
36) 4-Chloro-3-methylphenol	8.51	107	974378	51.829	ng		99
37) 2-Methylnaphthalene	8.66	142	2037284	50.332	ng		100
38) 1-Methylnaphthalene	8.76	142	1933198	50.362	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	904346	51.980	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	508493	48.190 ng	99
43) 2,4,6-Trichlorophenol	8.94	196	684976	50.632 ng	99
44) 2,4,5-Trichlorophenol	8.98	196	690439	50.676 ng	99
46) 1,1'-Biphenyl	9.12	154	2308122	51.585 ng	99
47) 2-Chloronaphthalene	9.15	162	1884500	49.566 ng	96
48) 2-Nitroaniline	9.24	65	564798	49.779 ng	99
49) Acenaphthylene	9.56	152	2782883	50.474 ng	99
50) Dimethylphthalate	9.43	163	2657902	60.280 ng	99
51) 2,6-Dinitrotoluene	9.48	165	539111	51.989 ng	90
52) Acenaphthene	9.73	154	1651561	45.727 ng	99
53) 3-Nitroaniline	9.65	138	343834	28.384 ng	97
54) 2,4-Dinitrophenol	9.75	184	228332	48.660 ng	99
55) Dibenzofuran	9.90	168	2389921	47.586 ng	100
56) 4-Nitrophenol	9.82	139	819477	92.321 ng	98
57) 2,4-Dinitrotoluene	9.89	165	659372	50.582 ng	95
58) Fluorene	10.24	166	1682128	54.126 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	549041	49.187 ng	100
60) Diethylphthalate	10.12	149	2152090	48.641 ng	99
61) 4-Chlorophenyl-phenylether	10.23	204	838164	43.573 ng	99
62) 4-Nitroaniline	10.26	138	497474	42.341 ng	99
63) Azobenzene	10.39	77	1832700	48.662 ng	98
65) 4,6-Dinitro-2-methylphenol	10.29	198	205592	40.116 ng	92
66) n-Nitrosodiphenylamine	10.35	169	1700402	56.998 ng	99
67) 4-Bromophenyl-phenylether	10.72	248	567253	50.624 ng	98
68) Hexachlorobenzene	10.79	284	576429	47.004 ng	99
69) Atrazine	10.88	200	523161	50.423 ng	97
70) Pentachlorophenol	10.98	266	609079	85.915 ng	99
71) Phenanthrene	11.19	178	2380190	50.536 ng	98
72) Anthracene	11.24	178	2449871	49.425 ng	98
73) Carbazole	11.39	167	2168059	51.024 ng	98
74) Di-n-butylphthalate	11.73	149	2675435	47.872 ng	99
75) Fluoranthene	12.37	202	2146655	43.790 ng	98
77) Benzidine	12.49	184	1037400	38.824 ng	97
78) Pyrene	12.59	202	2161364	46.159 ng	97
80) Butylbenzylphthalate	13.22	149	1030132	43.566 ng	95
81) Benzo(a)anthracene	13.77	228	1920914	46.183 ng	98
82) 3,3'-Dichlorobenzidine	13.74	252	648661	38.460 ng	99
83) Chrysene	13.81	228	1895374	46.843 ng	98
84) Bis(2-ethylhexyl)phthalate	13.79	149	1265285	42.318 ng	99
85) Di-n-octyl phthalate	14.39	149	2278015	44.839 ng	98
86) Indeno(1,2,3-cd)pyrene	16.46	276	1656065	35.871 ng	99
88) Benzo(b)fluoranthene	14.78	252	2011036	50.216 ng	98
89) Benzo(k)fluoranthene	14.80	252	1703586	50.091 ng	99
90) Benzo(a)pyrene	15.10	252	1747635	50.418 ng	99
91) Dibenzo(a,h)anthracene	16.48	278	1387399	42.265 ng	98
92) Benzo(g,h,i)perylene	16.86	276	1335445	40.455 ng	98

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

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