Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
Data File : BF116446.D
Acq On : 20 Aug 2019 22:40
Operator : HP/JU
Sample : K4404-06MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T1-L(0-2.5)MS

Quant Time: Aug 21 11:05:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	87359	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	341196	20.00	ng		-0.02
39) Acenaphthene-d10	9.83	164	187568	20.00	ng		-0.02
64) Phenanthrene-d10	11.32	188	343279	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	296640	20.00	ng		-0.01
87) Perylene-d12	15.42	264	322891	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	749038	143.54	ng		0.00
7) Phenol-d6	6.46	99	884448	134.33	ng		0.00
23) Nitrobenzene-d5	7.37	82	646995	109.46	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	297089	163.37	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1143416	114.18	ng		-0.01
79) Terphenyl-d14	12.90	244	1468563	104.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	102456	38.864	ng	#	85
3) Pyridine	3.42	79	160638	21.813	ng		97
4) n-Nitrosodimethylamine	3.29	42	114687	39.463	ng		97
6) Aniline	6.48	93	120215	12.750	ng	#	40
8) 2-Chlorophenol	6.60	128	294657	51.063	ng		96
9) Benzaldehyde	6.37	77	97574	21.479	ng		99
10) Phenol	6.47	94	318712	41.107	ng		81
11) bis(2-Chloroethyl)ether	6.54	93	283882	49.802	ng		98
12) 1,3-Dichlorobenzene	6.75	146	309526	46.413	ng		99
13) 1,4-Dichlorobenzene	6.82	146	321110	48.089	ng		98
14) 1,2-Dichlorobenzene	6.97	146	296593	48.239	ng		99
15) Benzyl Alcohol	6.96	79	234894	47.012	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.07	45	372431	47.900	ng	#	41
17) 2-Methylphenol	7.07	107	243739	49.884	ng	#	88
18) Hexachloroethane	7.31	117	113116	46.011	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	216087	52.964	ng		99
20) 3+4-Methylphenols	7.23	107	324366	56.098	ng	#	68
22) Acetophenone	7.22	105	424443	56.722	ng	#	93
24) Nitrobenzene	7.39	77	333981	52.328	ng		97
25) Isophorone	7.63	82	598573	52.959	ng		99
26) 2-Nitrophenol	7.71	139	160327	53.291	ng		95
27) 2,4-Dimethylphenol	7.75	122	274093	60.555	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	370326	52.862	ng		100
29) 2,4-Dichlorophenol	7.96	162	262056	54.833	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	275669	50.602	ng		99
31) Naphthalene	8.10	128	867332	54.019	ng		99
32) Benzoic acid	7.91	122	119342	37.397	ng		96
33) 4-Chloroaniline	8.18	127	74602	10.399	ng		99
34) Hexachlorobutadiene	8.22	225	153702	48.982	ng		99
35) Caprolactam	8.54	113	62512m	40.442	ng		
36) 4-Chloro-3-methylphenol	8.66	107	277969	55.908	ng		100
37) 2-Methylnaphthalene	8.80	142	586557	55.470	ng		99
38) 1-Methylnaphthalene	8.89	142	550114	54.991	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	266289	53.104	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	76241	37.283 ng		97
43) 2,4,6-Trichlorophenol	9.09	196	170079	49.277 ng		98
44) 2,4,5-Trichlorophenol	9.14	196	181107	50.761 ng		99
46) 1,1'-Biphenyl	9.26	154	727200	54.915 ng		98
47) 2-Chloronaphthalene	9.29	162	568090	51.544 ng		99
48) 2-Nitroaniline	9.39	65	183844	50.465 ng		96
49) Acenaphthylene	9.70	152	864656	53.775 ng		99
50) Dimethylphthalate	9.56	163	706725	55.337 ng		100
51) 2,6-Dinitrotoluene	9.63	165	151057	54.427 ng	#	86
52) Acenaphthene	9.87	154	527164	53.441 ng		99
53) 3-Nitroaniline	9.81	138	63965	18.652 ng		98
54) 2,4-Dinitrophenol	9.93	184	117269	82.774 ng		99
55) Dibenzofuran	10.05	168	755984	52.699 ng		100
56) 4-Nitrophenol	9.99	139	136508	62.138 ng		95
57) 2,4-Dinitrotoluene	10.05	165	194486	52.631 ng		94
58) Fluorene	10.39	166	635212	57.553 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	170222	56.709 ng		94
60) Diethylphthalate	10.26	149	674885	56.601 ng		100
61) 4-Chlorophenyl-phenylether	10.37	204	320095	57.265 ng		95
62) 4-Nitroaniline	10.42	138	156679	44.209 ng		98
63) Azobenzene	10.53	77	682129	55.620 ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	98417	54.101 ng		99
66) n-Nitrosodiphenylamine	10.49	169	553370	53.557 ng		100
67) 4-Bromophenyl-phenylether	10.86	248	194024	52.799 ng		95
68) Hexachlorobenzene	10.94	284	214292	50.430 ng		98
69) Atrazine	11.02	200	149642	44.023 ng		99
70) Pentachlorophenol	11.15	266	173745	84.218 ng		98
71) Phenanthrene	11.35	178	963673	54.913 ng		100
72) Anthracene	11.40	178	1012013	56.981 ng		99
73) Carbazole	11.56	167	921875	57.212 ng		100
74) Di-n-butylphthalate	11.87	149	1131155	60.178 ng		99
75) Fluoranthene	12.54	202	1076723	58.606 ng		99
78) Pyrene	12.77	202	1116379	49.925 ng		99
80) Butylbenzylphthalate	13.37	149	529370	55.965 ng		96
81) Benzo(a)anthracene	13.96	228	1006899	53.106 ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	83505	12.677 ng		98
83) Chrysene	13.99	228	1000784	54.369 ng		99
84) Bis(2-ethylhexyl)phthalate	13.92	149	766744	62.379 ng		99
85) Di-n-octyl phthalate	14.53	149	1303434	66.762 ng		99
86) Indeno(1,2,3-cd)pyrene	16.89	276	1020132	65.984 ng		100
88) Benzo(b)fluoranthene	15.00	252	988660	52.955 ng		99
89) Benzo(k)fluoranthene	15.03	252	935214m	51.429 ng		
90) Benzo(a)pyrene	15.36	252	936036	56.085 ng		99
91) Dibenzo(a,h)anthracene	16.89	278	860776	59.583 ng		99
92) Benzo(g,h,i)perylene	17.32	276	845371	59.584 ng		99

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

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