Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
Data File : BF115129.D
Acq On : 22 Jun 2019 19:03
Operator : HP/JU
Sample : K3470-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-4MS

Quant Time: Jun 24 05:42:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	280797	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1088756	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	533454	20.00	ng		-0.01
64) Phenanthrene-d10	11.11	188	988557	20.00	ng		-0.01
76) Chrysene-d12	13.72	240	561844	20.00	ng		-0.02
87) Perylene-d12	15.09	264	631180	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1206987	66.33	ng		0.00
7) Phenol-d6	6.25	99	1538514	69.66	ng		0.00
23) Nitrobenzene-d5	7.17	82	907239	51.26	ng		-0.01
42) 2,4,6-Tribromophenol	10.42	330	386691	68.74	ng		-0.01
45) 2-Fluorobiphenyl	8.97	172	1614924	51.42	ng		-0.01
79) Terphenyl-d14	12.69	244	1515316	57.34	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	149007	17.351	ng		100
3) Pyridine	2.90	79	376384	15.550	ng		100
4) n-Nitrosodimethylamine	2.83	42	177370	18.693	ng		100
6) Aniline	6.27	93	292489	9.636	ng		99
8) 2-Chlorophenol	6.40	128	432344	21.131	ng		99
9) Benzaldehyde	6.15	77	286837	19.907	ng		96
10) Phenol	6.26	94	526524	20.352	ng		92
11) bis(2-Chloroethyl)ether	6.35	93	393199	20.619	ng		99
12) 1,3-Dichlorobenzene	6.55	146	458457	20.190	ng		99
13) 1,4-Dichlorobenzene	6.63	146	471962	20.727	ng		99
14) 1,2-Dichlorobenzene	6.78	146	444781	21.093	ng		99
15) Benzyl Alcohol	6.75	79	348727	21.684	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	560569	20.267	ng		100
17) 2-Methylphenol	6.87	107	347489	20.575	ng		99
18) Hexachloroethane	7.13	117	163966	19.974	ng		96
19) n-Nitroso-di-n-propylamine	7.03	70	283422	20.045	ng		97
20) 3+4-Methylphenols	7.02	107	428901	21.994	ng		96
22) Acetophenone	7.02	105	574646	23.055	ng	#	98
24) Nitrobenzene	7.19	77	431367	22.123	ng		98
25) Isophorone	7.44	82	779086	21.488	ng		99
26) 2-Nitrophenol	7.51	139	216748	22.509	ng		96
27) 2,4-Dimethylphenol	7.55	122	393687	24.971	ng		99
28) bis(2-Chloroethoxy)methane	7.65	93	504204	22.002	ng		100
29) 2,4-Dichlorophenol	7.75	162	357745	21.988	ng		99
30) 1,2,4-Trichlorobenzene	7.84	180	393362	21.888	ng		100
31) Naphthalene	7.91	128	1244755	23.291	ng		99
32) Benzoic acid	7.63	122	109120	9.696	ng		96
33) 4-Chloroaniline	7.96	127	195733	8.014	ng		98
34) Hexachlorobutadiene	8.04	225	215895	21.921	ng		99
35) Caprolactam	8.31	113	102631	18.762	ng		93
36) 4-Chloro-3-methylphenol	8.44	107	363563	22.064	ng		99
37) 2-Methylnaphthalene	8.60	142	843753	23.415	ng		98
38) 1-Methylnaphthalene	8.70	142	794020	23.071	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	364272	24.165	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	254871	28.513 ng	99
43) 2,4,6-Trichlorophenol	8.88	196	256273	22.020 ng	99
44) 2,4,5-Trichlorophenol	8.91	196	264008	22.028 ng	99
46) 1,1'-Biphenyl	9.07	154	1001642	23.467 ng	99
47) 2-Chloronaphthalene	9.09	162	789312	22.797 ng	99
48) 2-Nitroaniline	9.18	65	219850	21.780 ng	97
49) Acenaphthylene	9.50	152	1250289	23.177 ng	99
50) Dimethylphthalate	9.37	163	1120057	28.538 ng	99
51) 2,6-Dinitrotoluene	9.42	165	202059	22.300 ng	95
52) Acenaphthene	9.67	154	757124	22.430 ng	99
53) 3-Nitroaniline	9.58	138	154229	13.948 ng	98
54) 2,4-Dinitrophenol	9.69	184	70990	21.172 ng	95
55) Dibenzofuran	9.84	168	1100278	22.710 ng	99
56) 4-Nitrophenol	9.75	139	326722	36.856 ng	89
57) 2,4-Dinitrotoluene	9.82	165	266162	22.750 ng	91
58) Fluorene	10.18	166	791969	21.046 ng	97
59) 2,3,4,6-Tetrachlorophenol	9.96	232	205251	20.424 ng	99
60) Diethylphthalate	10.07	149	885679	22.450 ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	388793	21.866 ng	97
62) 4-Nitroaniline	10.19	138	204133	18.402 ng	98
63) Azobenzene	10.34	77	823613	22.351 ng	95
65) 4,6-Dinitro-2-methylphenol	10.22	198	66717	16.333 ng	98
66) n-Nitrosodiphenylamine	10.30	169	748338	24.298 ng	99
67) 4-Bromophenyl-phenylether	10.67	248	250326	23.356 ng	96
68) Hexachlorobenzene	10.72	284	264536	22.739 ng	93
69) Atrazine	10.82	200	224129	22.623 ng	99
70) Pentachlorophenol	10.92	266	244910	33.045 ng	97
71) Phenanthrene	11.13	178	1204758	22.635 ng	98
72) Anthracene	11.18	178	1245022	23.173 ng	100
73) Carbazole	11.34	167	1060853	22.112 ng	99
74) Di-n-butylphthalate	11.69	149	1361204	24.553 ng	100
75) Fluoranthene	12.31	202	1113569	20.969 ng	99
77) Benzidine	12.43	184	396032	15.874 ng	98
78) Pyrene	12.54	202	1099978	25.475 ng	99
80) Butylbenzylphthalate	13.17	149	491981	25.819 ng	98
81) Benzo(a)anthracene	13.72	228	853733	21.177 ng	98
82) 3,3'-Dichlorobenzidine	13.68	252	230308	15.820 ng	97
83) Chrysene	13.75	228	799819	21.659 ng	98
84) Bis(2-ethylhexyl)phthalate	13.74	149	653875	26.189 ng	99
85) Di-n-octyl phthalate	14.35	149	1005313	23.964 ng	99
86) Indeno(1,2,3-cd)pyrene	16.35	276	896197	20.509 ng	99
88) Benzo(b)fluoranthene	14.71	252	826847	20.995 ng	99
89) Benzo(k)fluoranthene	14.74	252	822226m	23.280 ng	
90) Benzo(a)pyrene	15.03	252	818004	23.044 ng	99
91) Dibenzo(a,h)anthracene	16.37	278	764446	23.068 ng	97
92) Benzo(g,h,i)perylene	16.73	276	712039	21.229 ng	98

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

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