Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
Data File : BF115130.D
Acq On : 22 Jun 2019 19:30
Operator : HP/JU
Sample : K3470-02MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-4MSD

Quant Time: Jun 24 05:44:18 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	282628	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1071493	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	524742	20.00	ng		-0.01
64) Phenanthrene-d10	11.11	188	1009677	20.00	ng		0.00
76) Chrysene-d12	13.73	240	582990	20.00	ng		-0.02
87) Perylene-d12	15.09	264	634087	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1537917	83.97	ng		0.01
7) Phenol-d6	6.25	99	1963931	88.35	ng		0.00
23) Nitrobenzene-d5	7.18	82	1179815	67.73	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	516036	93.26	ng		0.00
45) 2-Fluorobiphenyl	8.97	172	2061142	66.72	ng		-0.01
79) Terphenyl-d14	12.69	244	2038367	74.34	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	197078	22.800	ng		99
3) Pyridine	2.91	79	513722	21.087	ng		99
4) n-Nitrosodimethylamine	2.84	42	234999	24.606	ng		99
6) Aniline	6.27	93	311439	10.194	ng	#	76
8) 2-Chlorophenol	6.40	128	561832	27.281	ng		98
9) Benzaldehyde	6.15	77	375434	25.887	ng		99
10) Phenol	6.27	94	665935	25.574	ng		92
11) bis(2-Chloroethyl)ether	6.35	93	514084	26.783	ng		98
12) 1,3-Dichlorobenzene	6.55	146	598085	26.168	ng		99
13) 1,4-Dichlorobenzene	6.63	146	610383	26.632	ng		100
14) 1,2-Dichlorobenzene	6.78	146	569148	26.816	ng		99
15) Benzyl Alcohol	6.75	79	450896	27.855	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	720283	25.873	ng		100
17) 2-Methylphenol	6.87	107	453574	26.683	ng		98
18) Hexachloroethane	7.13	117	213302	25.815	ng		95
19) n-Nitroso-di-n-propylamine	7.04	70	367208	25.802	ng		99
20) 3+4-Methylphenols	7.02	107	548233	27.931	ng		88
22) Acetophenone	7.02	105	740389	30.183	ng	#	99
24) Nitrobenzene	7.19	77	565111	29.449	ng		97
25) Isophorone	7.44	82	1008292	28.258	ng		99
26) 2-Nitrophenol	7.51	139	295679	31.201	ng		96
27) 2,4-Dimethylphenol	7.55	122	510884	32.926	ng		98
28) bis(2-Chloroethoxy)methane	7.65	93	645113	28.605	ng		99
29) 2,4-Dichlorophenol	7.75	162	463806	28.966	ng		97
30) 1,2,4-Trichlorobenzene	7.84	180	517478	29.258	ng		99
31) Naphthalene	7.91	128	1578169	30.005	ng		100
32) Benzoic acid	7.65	122	185323	16.733	ng		93
33) 4-Chloroaniline	7.96	127	158439	6.591	ng		99
34) Hexachlorobutadiene	8.04	225	278547	28.739	ng		98
35) Caprolactam	8.32	113	143777m	26.707	ng		
36) 4-Chloro-3-methylphenol	8.45	107	473833	29.220	ng		97
37) 2-Methylnaphthalene	8.61	142	1077755	30.390	ng		98
38) 1-Methylnaphthalene	8.70	142	1011844	29.874	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	462161	31.167	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	307306	34.950 ng	100
43) 2,4,6-Trichlorophenol	8.88	196	334067	29.181 ng	99
44) 2,4,5-Trichlorophenol	8.92	196	357158	30.295 ng	96
46) 1,1'-Biphenyl	9.07	154	1262644	30.072 ng	100
47) 2-Chloronaphthalene	9.09	162	1003080	29.452 ng	99
48) 2-Nitroaniline	9.18	65	293303	29.539 ng	99
49) Acenaphthylene	9.50	152	1577402	29.727 ng	100
50) Dimethylphthalate	9.38	163	1647134	42.665 ng	99
51) 2,6-Dinitrotoluene	9.42	165	265250	29.760 ng	98
52) Acenaphthene	9.67	154	989730	29.807 ng	99
53) 3-Nitroaniline	9.58	138	158168	14.542 ng	97
54) 2,4-Dinitrophenol	9.69	184	128088	32.708 ng	91
55) Dibenzofuran	9.84	168	1392780	29.225 ng	100
56) 4-Nitrophenol	9.75	139	464894	53.314 ng	88
57) 2,4-Dinitrotoluene	9.82	165	355467	30.887 ng	98
58) Fluorene	10.18	166	1000676	29.229 ng	98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	282846	28.612 ng	100
60) Diethylphthalate	10.07	149	1146741	29.550 ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	482781	29.706 ng	100
62) 4-Nitroaniline	10.20	138	269495	24.698 ng	98
63) Azobenzene	10.34	77	1062243	29.305 ng	99
65) 4,6-Dinitro-2-methylphenol	10.22	198	113222	23.857 ng	83
66) n-Nitrosodiphenylamine	10.30	169	958687	30.477 ng	100
67) 4-Bromophenyl-phenylether	10.67	248	329446	30.095 ng	98
68) Hexachlorobenzene	10.73	284	348735	29.349 ng	99
69) Atrazine	10.83	200	300906	29.737 ng	98
70) Pentachlorophenol	10.92	266	358108	47.307 ng	97
71) Phenanthrene	11.14	178	1561161	28.718 ng	99
72) Anthracene	11.18	178	1623923	29.593 ng	99
73) Carbazole	11.34	167	1420740	28.994 ng	100
74) Di-n-butylphthalate	11.69	149	1769821	31.256 ng	99
75) Fluoranthene	12.31	202	1517272	27.973 ng	98
77) Benzidine	12.44	184	544640	21.039 ng	99
78) Pyrene	12.54	202	1506134	33.617 ng	99
80) Butylbenzylphthalate	13.17	149	694048	35.102 ng	98
81) Benzo(a)anthracene	13.72	228	1176043	28.114 ng	99
82) 3,3'-Dichlorobenzidine	13.68	252	287080	19.004 ng	99
83) Chrysene	13.75	228	1087463	28.380 ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	911340	35.176 ng	99
85) Di-n-octyl phthalate	14.35	149	1412171	32.442 ng	99
86) Indeno(1,2,3-cd)pyrene	16.35	276	1130424	24.931 ng	99
88) Benzo(b)fluoranthene	14.72	252	1175295	29.705 ng	99
89) Benzo(k)fluoranthene	14.74	252	1024104	28.863 ng	98
90) Benzo(a)pyrene	15.04	252	1097077	30.764 ng	97
91) Dibenzo(a,h)anthracene	16.38	278	953205	28.632 ng	98
92) Benzo(g,h,i)perylene	16.73	276	885573	26.282 ng	99

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

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