Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114892.D
Acq On : 7 Jun 2019 11:54
Operator : HP/JU
Sample : K3211-03MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200050MSD

Quant Time: Jun 10 07:28:21 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	277842	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	1061613	20.00	ng		-0.01
39) Acenaphthene-d10	9.69	164	520366	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	1059978	20.00	ng		0.00
76) Chrysene-d12	13.79	240	606590	20.00	ng		0.00
87) Perylene-d12	15.17	264	773523	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	2162500	136.00	ng		0.01
7) Phenol-d6	6.31	99	2722668	140.72	ng		0.00
23) Nitrobenzene-d5	7.23	82	1662661	96.41	ng		0.00
42) 2,4,6-Tribromophenol	10.47	330	785187	140.02	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	2912081	104.83	ng		0.00
79) Terphenyl-d14	12.74	244	3216847	103.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	303740	40.009	ng		100
4) n-Nitrosodimethylamine	2.93	42	355959	46.616	ng		92
6) Aniline	6.33	93	270426	9.850	ng	#	53
8) 2-Chlorophenol	6.45	128	865343	47.102	ng		95
9) Benzaldehyde	6.20	77	285518	21.274	ng		100
10) Phenol	6.32	94	1001976	45.286	ng		80
11) bis(2-Chloroethyl)ether	6.40	93	761381	44.093	ng		99
12) 1,3-Dichlorobenzene	6.60	146	917597	42.863	ng		100
13) 1,4-Dichlorobenzene	6.68	146	937155	43.506	ng		98
14) 1,2-Dichlorobenzene	6.83	146	879299	45.198	ng		99
15) Benzyl Alcohol	6.81	79	681738	46.594	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1044225	42.283	ng		100
17) 2-Methylphenol	6.93	107	703765	44.815	ng		99
18) Hexachloroethane	7.17	117	328515	40.518	ng		99
19) n-Nitroso-di-n-propylamine	7.09	70	530716	41.438	ng		98
20) 3+4-Methylphenols	7.08	107	805232	46.489	ng		94
22) Acetophenone	7.07	105	1110015	47.491	ng	#	98
24) Nitrobenzene	7.25	77	860065	48.140	ng		97
25) Isophorone	7.49	82	1536575	45.069	ng		98
26) 2-Nitrophenol	7.56	139	488902	50.525	ng		92
27) 2,4-Dimethylphenol	7.60	122	752828	51.187	ng		99
28) bis(2-Chloroethoxy)methane	7.70	93	972824	44.637	ng		99
29) 2,4-Dichlorophenol	7.80	162	737524	47.664	ng		99
30) 1,2,4-Trichlorobenzene	7.89	180	800051	45.063	ng		98
31) Naphthalene	7.96	128	2376199	49.717	ng		99
32) Benzoic acid	7.69	122	126318	11.792	ng		96
33) 4-Chloroaniline	8.01	127	252326	11.067	ng		98
34) Hexachlorobutadiene	8.09	225	421375	41.746	ng		99
35) Caprolactam	8.38	113	185176m	36.635	ng		
36) 4-Chloro-3-methylphenol	8.50	107	761073	49.430	ng		99
37) 2-Methylnaphthalene	8.66	142	1612693	48.647	ng		98
38) 1-Methylnaphthalene	8.75	142	1541321	49.027	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	697570	46.517	ng		99
41) Hexachlorocyclopentadiene	8.82	237	725127	79.728	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.93	196	541851	46.468 ng	100
44) 2,4,5-Trichlorophenol	8.97	196	569944	48.532 ng	97
46) 1,1'-Biphenyl	9.12	154	1900270	49.272 ng	98
47) 2-Chloronaphthalene	9.14	162	1542023	47.054 ng	98
48) 2-Nitroaniline	9.23	65	464187	47.465 ng	97
49) Acenaphthylene	9.55	152	2386732	50.222 ng	98
50) Dimethylphthalate	9.42	163	2152383	56.633 ng	99
51) 2,6-Dinitrotoluene	9.48	165	432555	48.395 ng	95
52) Acenaphthene	9.72	154	1423812	45.736 ng	100
53) 3-Nitroaniline	9.64	138	290974	27.867 ng	96
54) 2,4-Dinitrophenol	9.75	184	351936	87.015 ng	93
55) Dibenzofuran	9.90	168	2112716	48.805 ng	95
56) 4-Nitrophenol	9.82	139	804207	105.111 ng	91
57) 2,4-Dinitrotoluene	9.88	165	580574	51.670 ng	94
58) Fluorene	10.23	166	1511148	56.901 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	479079	49.793 ng	100
60) Diethylphthalate	10.12	149	1747324	45.817 ng	99
61) 4-Chlorophenyl-phenylether	10.23	204	716537	43.216 ng	99
62) 4-Nitroaniline	10.25	138	430036	42.463 ng	97
63) Azobenzene	10.39	77	1587866	48.914 ng	98
65) 4,6-Dinitro-2-methylphenol	10.29	198	264041	47.954 ng	100
66) n-Nitrosodiphenylamine	10.35	169	1463155	45.650 ng	99
67) 4-Bromophenyl-phenylether	10.72	248	500954	41.612 ng	98
68) Hexachlorobenzene	10.79	284	553785	42.032 ng	99
69) Atrazine	10.88	200	467645	41.952 ng	99
70) Pentachlorophenol	10.97	266	637717	83.727 ng	98
71) Phenanthrene	11.19	178	2499071	49.387 ng	99
72) Anthracene	11.24	178	2549179	47.869 ng	98
73) Carbazole	11.39	167	2339453	51.246 ng	98
74) Di-n-butylphthalate	11.73	149	2603817	43.365 ng	99
75) Fluoranthene	12.37	202	2701534	51.294 ng	98
78) Pyrene	12.59	202	2731483	51.907 ng	99
80) Butylbenzylphthalate	13.22	149	1147367	43.178 ng	95
81) Benzo(a)anthracene	13.77	228	2128402	45.533 ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	473944	25.005 ng	98
83) Chrysene	13.82	228	2124551	46.722 ng	99
84) Bis(2-ethylhexyl)phthalate	13.79	149	1334635	39.719 ng	99
85) Di-n-octyl phthalate	14.40	149	2257176	39.534 ng	99
86) Indeno(1,2,3-cd)pyrene	16.49	276	2553326	49.213 ng	99
88) Benzo(b)fluoranthene	14.80	252	2341005	47.539 ng	99
89) Benzo(k)fluoranthene	14.82	252	1896550	45.352 ng	99
90) Benzo(a)pyrene	15.13	252	2120391	49.748 ng	98
91) Dibenzo(a,h)anthracene	16.51	278	2046414	50.699 ng	99
92) Benzo(g,h,i)perylene	16.89	276	2217081	54.621 ng	98

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

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