Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115555.D
Acq On : 15 Jul 2019 10:24
Operator : HP/JU
Sample : PB121261BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121261BS

Quant Time: Jul 16 03:12:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	274534	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1063632	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	528331	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	976777	20.00	ng	0.00
76) Chrysene-d12	14.04	240	607224	20.00	ng	0.00
87) Perylene-d12	15.51	264	495920	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	2064370	123.00	ng	0.02
7) Phenol-d6	6.53	99	2603152	122.23	ng	0.01
23) Nitrobenzene-d5	7.45	82	1687961	92.28	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	815669	132.27	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2899187	96.05	ng	0.00
79) Terphenyl-d14	12.99	244	2772459	84.25	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.83	88	224273	26.788	ng	100
3) Pyridine	3.58	79	576036	25.360	ng	98
4) n-Nitrosodimethylamine	3.51	42	224236	27.212	ng	96
6) Aniline	6.55	93	596082	20.113	ng	99
8) 2-Chlorophenol	6.68	128	538581	27.911	ng	93
9) Benzaldehyde	6.43	77	374869	28.168	ng	96
10) Phenol	6.54	94	656849	26.569	ng	90
11) bis(2-Chloroethyl)ether	6.62	93	525172	27.901	ng	99
12) 1,3-Dichlorobenzene	6.83	146	601030	27.703	ng	99
13) 1,4-Dichlorobenzene	6.90	146	609977	28.179	ng	96
14) 1,2-Dichlorobenzene	7.06	146	550160	27.803	ng	97
15) Benzyl Alcohol	7.02	79	504360	29.854	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	689417	27.821	ng	97
17) 2-Methylphenol	7.13	107	487317	29.304	ng	99
18) Hexachloroethane	7.40	117	226107	28.141	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	392506	28.259	ng	98
20) 3+4-Methylphenols	7.29	107	568872	28.799	ng	95
22) Acetophenone	7.29	105	779585	32.443	ng	97
24) Nitrobenzene	7.46	77	601655	30.495	ng	95
25) Isophorone	7.70	82	1111039	30.354	ng	99
26) 2-Nitrophenol	7.78	139	317337	31.249	ng	98
27) 2,4-Dimethylphenol	7.82	122	542459	35.701	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	684637	30.489	ng	99
29) 2,4-Dichlorophenol	8.02	162	500531	31.674	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	547552	30.654	ng	98
31) Naphthalene	8.19	128	1625591	31.558	ng	98
32) Benzoic acid	7.95	122	369246	29.611	ng	98
33) 4-Chloroaniline	8.23	127	407512	17.860	ng	98
34) Hexachlorobutadiene	8.31	225	310596	30.321	ng	98
35) Caprolactam	8.61	113	159845m	32.734	ng	
36) 4-Chloro-3-methylphenol	8.72	107	519055	31.665	ng	99
37) 2-Methylnaphthalene	8.88	142	1096936	32.125	ng	98
38) 1-Methylnaphthalene	8.98	142	1033628	31.870	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	500901	31.484	ng	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	530652	58.470 ng		100
43) 2,4,6-Trichlorophenol	9.16	196	376531	32.362 ng		99
44) 2,4,5-Trichlorophenol	9.20	196	361941	30.376 ng		99
46) 1,1'-Biphenyl	9.35	154	1323413	32.041 ng		99
47) 2-Chloronaphthalene	9.37	162	1058851	30.788 ng		98
48) 2-Nitroaniline	9.46	65	313652	29.465 ng		99
49) Acenaphthylene	9.79	152	1576808	30.942 ng		99
50) Dimethylphthalate	9.65	163	1214107	30.544 ng		99
51) 2,6-Dinitrotoluene	9.70	165	284048	31.444 ng		90
52) Acenaphthene	9.96	154	1106400	33.628 ng		99
53) 3-Nitroaniline	9.87	138	200656	19.438 ng		99
54) 2,4-Dinitrophenol	9.98	184	286082	61.683 ng		93
55) Dibenzofuran	10.13	168	1420891	30.411 ng		99
56) 4-Nitrophenol	10.03	139	453149	57.566 ng		99
57) 2,4-Dinitrotoluene	10.11	165	365067	31.194 ng		90
58) Fluorene	10.47	166	1040855	31.161 ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	311223	31.246 ng		99
60) Diethylphthalate	10.35	149	1154931	31.010 ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	538818	29.089 ng		98
62) 4-Nitroaniline	10.49	138	283041	28.584 ng		97
63) Azobenzene	10.62	77	1117969	30.947 ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	190097	31.854 ng		96
66) n-Nitrosodiphenylamine	10.58	169	974257	32.065 ng		99
67) 4-Bromophenyl-phenylether	10.95	248	342699	30.702 ng		98
68) Hexachlorobenzene	11.02	284	391058	30.678 ng		94
69) Atrazine	11.10	200	318320	31.935 ng		99
70) Pentachlorophenol	11.22	266	460781	59.101 ng		99
71) Phenanthrene	11.43	178	1553679	31.031 ng		98
72) Anthracene	11.49	178	1584823	30.628 ng		99
73) Carbazole	11.63	167	1378220	30.374 ng		100
74) Di-n-butylphthalate	11.97	149	1676867	30.002 ng		100
75) Fluoranthene	12.62	202	1576293	29.792 ng		100
77) Benzidine	12.73	184	532963	24.776 ng		99
78) Pyrene	12.84	202	1600731	31.115 ng		98
80) Butylbenzylphthalate	13.46	149	677470	30.891 ng		97
81) Benzo(a)anthracene	14.03	228	1198489	29.959 ng		97
82) 3,3'-Dichlorobenzidine	13.99	252	363559	25.565 ng		99
83) Chrysene	14.07	228	1222603	30.444 ng		98
84) Bis(2-ethylhexyl)phthalate	14.02	149	856850	31.541 ng	#	99
85) Di-n-octyl phthalate	14.63	149	1394463	32.262 ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	969647	28.420 ng		99
88) Benzo(b)fluoranthene	15.09	252	1055999	33.069 ng		99
89) Benzo(k)fluoranthene	15.12	252	991556	34.828 ng		98
90) Benzo(a)pyrene	15.45	252	938528	34.195 ng		99
91) Dibenzo(a,h)anthracene	17.00	278	812454	33.719 ng		99
92) Benzo(g,h,i)perylene	17.43	276	755464	31.438 ng		100

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

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