Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115561.D
Acq On : 15 Jul 2019 17:26
Operator : HP/JU
Sample : PB121222BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121222BS

Quant Time: Jul 16 03:31:50 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	6.88	152	169675	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	677436	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	338658	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	660715	20.00	ng	0.00
76) Chrysene-d12	14.04	240	440808	20.00	ng	-0.01
87) Perylene-d12	15.50	264	409630	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1281108	123.50	ng	0.01
7) Phenol-d6	6.52	99	1613199	122.56	ng	0.00
23) Nitrobenzene-d5	7.44	82	1037385	89.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	518909	131.27	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1949833	100.77	ng	-0.01
79) Terphenyl-d14	12.99	244	2060946	86.27	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.80	88	210584	40.698	ng	99
3) Pyridine	3.53	79	544427	38.781	ng	99
4) n-Nitrosodimethylamine	3.48	42	209344	41.105	ng	97
6) Aniline	6.55	93	596776	32.580	ng	98
8) 2-Chlorophenol	6.67	128	516943	43.345	ng	99
9) Benzaldehyde	6.43	77	378861	46.061	ng	98
10) Phenol	6.53	94	644995	42.213	ng	84
11) bis(2-Chloroethyl)ether	6.62	93	487195	41.880	ng	99
12) 1,3-Dichlorobenzene	6.82	146	561944	41.908	ng	98
13) 1,4-Dichlorobenzene	6.90	146	572211	42.770	ng	98
14) 1,2-Dichlorobenzene	7.05	146	529826	43.322	ng	98
15) Benzyl Alcohol	7.02	79	467472	44.771	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	649318	42.396	ng	97
17) 2-Methylphenol	7.13	107	450862	43.867	ng	98
18) Hexachloroethane	7.40	117	209430	42.175	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	356073	41.479	ng	97
20) 3+4-Methylphenols	7.28	107	528664	43.304	ng	96
22) Acetophenone	7.29	105	707066	46.201	ng	98
24) Nitrobenzene	7.46	77	566825	45.108	ng	98
25) Isophorone	7.70	82	1040314	44.624	ng	99
26) 2-Nitrophenol	7.77	139	297990	46.072	ng	98
27) 2,4-Dimethylphenol	7.81	122	503698	52.048	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	642620	44.933	ng	99
29) 2,4-Dichlorophenol	8.02	162	471276	46.825	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	514104	45.189	ng	99
31) Naphthalene	8.19	128	1529293	46.613	ng	98
32) Benzoic acid	7.94	122	342036	43.066	ng	99
33) 4-Chloroaniline	8.23	127	386408	26.589	ng	98
34) Hexachlorobutadiene	8.31	225	286730	43.949	ng	98
35) Caprolactam	8.60	113	150882m	48.513	ng	
36) 4-Chloro-3-methylphenol	8.71	107	487822	46.726	ng	98
37) 2-Methylnaphthalene	8.87	142	1033591	47.527	ng	98
38) 1-Methylnaphthalene	8.97	142	970684	46.991	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	459815	45.088	ng	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	475361	81.713 ng	99
43) 2,4,6-Trichlorophenol	9.15	196	343237	46.024 ng	98
44) 2,4,5-Trichlorophenol	9.19	196	347486	45.497 ng	99
46) 1,1'-Biphenyl	9.34	154	1243671	46.974 ng	98
47) 2-Chloronaphthalene	9.37	162	998365	45.287 ng	96
48) 2-Nitroaniline	9.46	65	296422	43.442 ng	98
49) Acenaphthylene	9.78	152	1514036	46.349 ng	98
50) Dimethylphthalate	9.64	163	1156849	45.403 ng	99
51) 2,6-Dinitrotoluene	9.70	165	269126	46.478 ng	99
52) Acenaphthene	9.96	154	1059251	50.226 ng	99
53) 3-Nitroaniline	9.86	138	188521	28.490 ng	98
54) 2,4-Dinitrophenol	9.97	184	283056	95.212 ng	96
55) Dibenzofuran	10.13	168	1340738	44.766 ng	100
56) 4-Nitrophenol	10.03	139	488990	96.910 ng	92
57) 2,4-Dinitrotoluene	10.10	165	356649	47.542 ng	93
58) Fluorene	10.47	166	994858	46.466 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	305783	47.893 ng	99
60) Diethylphthalate	10.35	149	1099002	46.035 ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	512335	43.150 ng	95
62) 4-Nitroaniline	10.49	138	283389	44.648 ng	96
63) Azobenzene	10.62	77	1063462	45.926 ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	190782	47.261 ng	96
66) n-Nitrosodiphenylamine	10.58	169	934276	45.458 ng	98
67) 4-Bromophenyl-phenylether	10.95	248	332232	44.002 ng	95
68) Hexachlorobenzene	11.02	284	374030	43.378 ng	99
69) Atrazine	11.10	200	302351	44.844 ng	100
70) Pentachlorophenol	11.21	266	453120	85.920 ng	99
71) Phenanthrene	11.43	178	1513951	44.702 ng	98
72) Anthracene	11.48	178	1564441	44.697 ng	99
73) Carbazole	11.63	167	1377213	44.870 ng	99
74) Di-n-butylphthalate	11.96	149	1625369	42.991 ng	99
75) Fluoranthene	12.62	202	1587502	44.357 ng	98
77) Benzidine	12.73	184	832767	53.329 ng	100
78) Pyrene	12.85	202	1600938	42.867 ng	98
80) Butylbenzylphthalate	13.46	149	684253	42.979 ng	96
81) Benzo(a)anthracene	14.03	228	1257288	43.294 ng	96
82) 3,3'-Dichlorobenzidine	13.99	252	366532	35.504 ng	97
83) Chrysene	14.07	228	1299627	44.580 ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	849861	43.095 ng	100
85) Di-n-octyl phthalate	14.63	149	1462168	46.599 ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1108348	44.750 ng	99
88) Benzo(b)fluoranthene	15.08	252	1184994	44.926 ng	99
89) Benzo(k)fluoranthene	15.11	252	1147644	48.802 ng	99
90) Benzo(a)pyrene	15.44	252	1093685	48.242 ng	99
91) Dibenzo(a,h)anthracene	17.00	278	917715	46.110 ng	99
92) Benzo(g,h,i)perylene	17.43	276	872818	43.972 ng	99

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

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