Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115562.D
Acq On : 15 Jul 2019 17:52
Operator : HP/JU
Sample : PB121222BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121222BSD

Quant Time: Jul 16 03:34:40 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	166219	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	655125	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	333165	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	648119	20.00	ng		0.00
76) Chrysene-d12	14.04	240	439305	20.00	ng		-0.01
87) Perylene-d12	15.50	264	427333	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1266652	124.65	ng		0.01
7) Phenol-d6	6.52	99	1601789	124.22	ng		0.00
23) Nitrobenzene-d5	7.44	82	1028758	91.31	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	516977	132.94	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1938115	101.82	ng		-0.01
79) Terphenyl-d14	12.99	244	2071374	87.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	207789	40.993	ng		99
3) Pyridine	3.53	79	536612	39.019	ng		99
4) n-Nitrosodimethylamine	3.48	42	206358	41.362	ng		100
6) Aniline	6.55	93	586679	32.695	ng		97
8) 2-Chlorophenol	6.67	128	510875	43.727	ng		100
9) Benzaldehyde	6.43	77	374175	46.437	ng		100
10) Phenol	6.53	94	638923	42.685	ng		83
11) bis(2-Chloroethyl)ether	6.62	93	484823	42.542	ng		100
12) 1,3-Dichlorobenzene	6.82	146	557948	42.475	ng		98
13) 1,4-Dichlorobenzene	6.90	146	564330	43.058	ng		98
14) 1,2-Dichlorobenzene	7.05	146	526824	43.972	ng		98
15) Benzyl Alcohol	7.02	79	459227	44.896	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	635488	42.356	ng		97
17) 2-Methylphenol	7.13	107	445968	44.293	ng		98
18) Hexachloroethane	7.40	117	207054	42.563	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	358447	42.624	ng		97
20) 3+4-Methylphenols	7.28	107	524011	43.815	ng		95
22) Acetophenone	7.29	105	701482	47.397	ng	#	97
24) Nitrobenzene	7.46	77	566223	46.594	ng		96
25) Isophorone	7.70	82	1033121	45.825	ng		99
26) 2-Nitrophenol	7.77	139	296435	47.392	ng		99
27) 2,4-Dimethylphenol	7.81	122	500361	53.464	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	630558	45.591	ng		99
29) 2,4-Dichlorophenol	8.02	162	468608	48.145	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	505697	45.963	ng		98
31) Naphthalene	8.19	128	1531077	48.257	ng		97
32) Benzoic acid	7.94	122	344320	44.830	ng		99
33) 4-Chloroaniline	8.23	127	386984	27.536	ng		98
34) Hexachlorobutadiene	8.30	225	285633	45.272	ng		100
35) Caprolactam	8.60	113	149071m	49.563	ng		
36) 4-Chloro-3-methylphenol	8.71	107	485080	48.045	ng		100
37) 2-Methylnaphthalene	8.87	142	1025256	48.749	ng		98
38) 1-Methylnaphthalene	8.97	142	966671	48.390	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	460848	45.934	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	476534	83.265 ng	99
43) 2,4,6-Trichlorophenol	9.15	196	344422	46.944 ng	99
44) 2,4,5-Trichlorophenol	9.19	196	351679	46.805 ng	99
46) 1,1'-Biphenyl	9.34	154	1244202	47.769 ng	98
47) 2-Chloronaphthalene	9.37	162	990004	45.648 ng	97
48) 2-Nitroaniline	9.46	65	298495	44.468 ng	97
49) Acenaphthylene	9.78	152	1512505	47.066 ng	98
50) Dimethylphthalate	9.64	163	1153949	46.036 ng	99
51) 2,6-Dinitrotoluene	9.70	165	268394	47.116 ng	99
52) Acenaphthene	9.96	154	1053770	50.790 ng	99
53) 3-Nitroaniline	9.86	138	190629	29.284 ng	98
54) 2,4-Dinitrophenol	9.97	184	278692	95.290 ng	98
55) Dibenzofuran	10.13	168	1341622	45.535 ng	100
56) 4-Nitrophenol	10.03	139	482698	97.240 ng	97
57) 2,4-Dinitrotoluene	10.10	165	354672	48.058 ng	96
58) Fluorene	10.47	166	993922	47.187 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	304837	48.533 ng	98
60) Diethylphthalate	10.35	149	1105250	47.060 ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	517208	44.279 ng	96
62) 4-Nitroaniline	10.49	138	282856	45.299 ng	98
63) Azobenzene	10.62	77	1082619	47.524 ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	190461	48.099 ng	88
66) n-Nitrosodiphenylamine	10.58	169	938058	46.529 ng	99
67) 4-Bromophenyl-phenylether	10.95	248	332336	44.871 ng	94
68) Hexachlorobenzene	11.02	284	373503	44.159 ng	97
69) Atrazine	11.10	200	300178	45.386 ng	99
70) Pentachlorophenol	11.21	266	453207	87.606 ng	99
71) Phenanthrene	11.43	178	1509522	45.437 ng	98
72) Anthracene	11.48	178	1562841	45.519 ng	100
73) Carbazole	11.63	167	1374728	45.660 ng	99
74) Di-n-butylphthalate	11.96	149	1659896	44.758 ng	99
75) Fluoranthene	12.62	202	1579709	44.997 ng	97
77) Benzidine	12.73	184	857722	55.115 ng	100
78) Pyrene	12.85	202	1620684	43.544 ng	98
80) Butylbenzylphthalate	13.46	149	693378	43.701 ng	96
81) Benzo(a)anthracene	14.03	228	1294928	44.743 ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	373468	36.299 ng	98
83) Chrysene	14.07	228	1324885	45.602 ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	879194	44.735 ng	99
85) Di-n-octyl phthalate	14.63	149	1509268	48.265 ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	1152641	46.697 ng	99
88) Benzo(b)fluoranthene	15.08	252	1218299	44.275 ng	100
89) Benzo(k)fluoranthene	15.11	252	1199181	48.881 ng	99
90) Benzo(a)pyrene	15.44	252	1138991	48.160 ng	99
91) Dibenzo(a,h)anthracene	17.00	278	959993	46.236 ng	99
92) Benzo(g,h,i)perylene	17.43	276	901595	43.540 ng	100

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

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